AD-A062 043 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), NEW ORL--ETC(U)
JUL 78

UNCLASSIFIED NL

1 OF 4
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A062 043

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

## REPORT DOCUMENTATION PAGE

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18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, Naval shore facility, coastal region, snow depth, cloud cover, New Orleans, LA.

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure.

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| STATION NO. ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | STATION ELEV. (FT.) | CALL SIGN | WMO NUMBER |
|---|---|---|---|---|---|---|
| 12958 | New Orleans, Louisiana | 29°50'N | 90°01'W | 2 | KNBG | |

# STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF BARO LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY |
|---|---|---|---|---|---|---|---|---|---|
| | | | FROM | TO | | | FEET | TYPE BAROMETER | |
| 1. | Weather service office, bldg 208 | Navy | 1950 | 1957 | 30°02'N | 90°05'W | 13 | Mercurial | 24 |
| 2. | " " " " " | " | 1958 | 1961 | 29°50'N | 90°01'W | 5 | " | 24 |
| 3. | " " " bldg 1 | " | 1961 | 1970 | 29°49'N | " | 5 | " | 24 |
| 4. | Removed | " | 1970 | | | | | | |
| 1a. | Weather service office, bldg 1 | " | 1960 | | 29°50'N | " | 6 | Aneroid | 24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|---|---|---|---|---|---|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1. | Unknown | Atop operation control tower | Selsyn | Triple | 87' | 1. Marine barograph<br>2. Auto met. station (AN/GMQ-29A)<br>3. Ceiling light (ML-121)<br>4. Cloud height set (AN/GMQ-13D)<br>5. Transmissometer (AN/GMQ-10C)<br>6. Radar (AN/FPS-81)<br>7. Theodolite<br>8. Recorder, weather data (RO-379/GMH) |
| 2. | Installed 1958 | 625' northwest of the operations building | AN/UMQ-5 | RD-108B | Unknown | |
| 3. | 1960 | 500' southeast of runway 04-22 | " | " | 14' | |

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Asheville, N. C.

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# SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).

2. All available data will be used for extreme values.

3. Summarize (update) every five years.

   a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.

   b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.

   c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.

   d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

NWSD, Federal Building

Asheville, N. C.

# PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

# PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

# WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | 00 | .6 | 11.6 | | | | 11.6 | 21.3 | 4.5 | | | 23.9 | 155 |
| | 03 | 1.3 | 9.7 | | | | 9.7 | 25.8 | 1.9 | | | 26.5 | 155 |
| | 06 | .6 | 12.9 | | | | 12.9 | 30.3 | 1.9 | | | 31.6 | 155 |
| | 09 | .6 | 8.4 | | | | 8.4 | 34.8 | 12.9 | | | 43.9 | 155 |
| | 12 | .6 | 11.6 | | | | 11.6 | 14.2 | 10.3 | | | 21.9 | 155 |
| | 15 | .6 | 12.3 | | | | 12.3 | 9.0 | 11.0 | | | 20.0 | 155 |
| | 18 | .6 | 11.0 | | .6 | | 11.0 | 11.6 | 11.0 | | | 21.9 | 155 |
| | 21 | | 11.0 | | | | 11.0 | 21.3 | 3.2 | | | 23.2 | 155 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .6 | 11.1 | | .1 | | 11.1 | 21.0 | 7.1 | | | 26.6 | 1240 |

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# WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB | 00 | .7 | 5.0 | | .7 | | 5.7 | 17.0 | 3.5 | | .7 | 20.6 | 141 |
| | 03 | .7 | 6.4 | | | | 6.4 | 28.4 | 4.3 | | .7 | 31.2 | 141 |
| | 06 | 1.4 | 5.0 | | .7 | | 5.0 | 32.6 | 5.7 | | | 33.3 | 141 |
| | 09 | | 5.0 | | | | 5.0 | 27.0 | 19.1 | | .7 | 39.0 | 141 |
| | 12 | | 3.5 | | .7 | | 4.3 | 6.4 | 8.5 | | 1.4 | 15.6 | 141 |
| | 15 | .7 | 3.5 | | .7 | | 4.3 | 3.5 | 8.5 | | 1.4 | 12.8 | 141 |
| | 18 | 1.4 | 6.4 | | | | 6.4 | 6.4 | 11.3 | | 1.4 | 17.0 | 141 |
| | 21 | .7 | 2.8 | | | | 2.8 | 5.7 | 3.5 | | 1.4 | 9.9 | 141 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 4.7 | | .4 | | 5.0 | 15.9 | 8.1 | | 1.0 | 22.4 | 1128 |

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# WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAR | 00 | 1.3 | 4.5 | | | | 4.5 | 19.4 | 8.4 | | .6 | 25.2 | 155 |
| | 03 | 1.9 | 13.5 | | | | 13.5 | 27.7 | 3.2 | | .6 | 30.3 | 155 |
| | 06 | 1.9 | 12.3 | | | | 12.3 | 34.8 | 7.7 | | | 38.7 | 155 |
| | 09 | 2.6 | 11.6 | | | | 11.6 | 19.4 | 18.1 | | | 34.2 | 155 |
| | 12 | 3.9 | 8.4 | | | | 8.4 | 7.7 | 11.0 | | 1.3 | 19.4 | 155 |
| | 15 | 2.6 | 9.0 | | | | 9.0 | 6.5 | 8.4 | | | 12.9 | 155 |
| | 18 | 3.2 | 9.7 | | | | 9.7 | 9.0 | 8.4 | | | 14.8 | 155 |
| | 21 | 1.9 | 7.7 | | | | 7.7 | 9.0 | 6.5 | | .6 | 15.5 | 155 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | 2.4 | 9.6 | | | | 9.6 | 16.7 | 9.0 | | .4 | 23.9 | 1240 |

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# WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) APR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APR | 00 | 3.3 | 5.3 | | | | 5.3 | 8.0 | 4.0 | | | 10.7 | 150 |
| | 03 | 1.3 | 1.3 | | | | 1.3 | 19.3 | 12.0 | | | 23.3 | 150 |
| | 06 | 2.0 | 6.0 | | | | 6.0 | 34.7 | 16.0 | | | 42.0 | 150 |
| | 09 | .7 | 6.0 | | | | 6.0 | 11.3 | 16.0 | | .7 | 24.7 | 150 |
| | 12 | | 4.0 | | | | 4.0 | 4.0 | 10.0 | | | 13.3 | 150 |
| | 15 | 1.3 | 4.0 | | | | 4.0 | 4.0 | 7.3 | | | 10.0 | 150 |
| | 18 | 2.0 | 10.0 | | | | 10.0 | 6.7 | 4.7 | | | 10.7 | 150 |
| | 21 | 1.3 | 4.7 | | | | 4.7 | 4.7 | 4.7 | | | 9.3 | 150 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | 1.5 | 5.2 | | | | 5.2 | 11.6 | 9.3 | | .1 | 18.0 | 1200 |

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# WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) MAY (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | 00 | 1.9 | 3.9 | | | | 3.9 | 4.5 | 9.7 | | | 11.6 | 155 |
| | 03 | 2.6 | 6.5 | | | | 6.5 | 20.0 | 14.8 | | | 25.2 | 155 |
| | 06 | | 6.5 | | | | 6.5 | 47.7 | 29.0 | | | 56.1 | 155 |
| | 09 | 2.6 | 5.8 | | | | 5.8 | 3.9 | 24.5 | | | 27.7 | 155 |
| | 12 | 1.9 | 5.8 | | | | 5.8 | .6 | 15.5 | | | 16.1 | 155 |
| | 15 | 3.9 | 5.8 | | | | 5.8 | | 11.0 | | | 11.0 | 155 |
| | 18 | 3.2 | 7.7 | | | | 7.7 | | 8.4 | | | 8.4 | 155 |
| | 21 | 2.6 | 5.2 | | | | 5.2 | 1.3 | 10.3 | | | 11.6 | 155 |
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| | | | | | | | | | | | | | |
| TOTALS | | 2.3 | 5.9 | | | | 5.9 | 9.8 | 15.4 | | | 21.0 | 1240 |

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2

# WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN | 00 | 2.0 | 2.7 | | | | 2.7 | 2.0 | 7.3 | | | 8.0 | 150 |
| | 03 | .7 | 2.0 | | | | 2.0 | 14.7 | 12.0 | | | 17.3 | 150 |
| | 06 | 1.3 | 1.3 | | | | 1.3 | 40.0 | 27.3 | | | 44.0 | 150 |
| | 09 | 1.3 | 3.3 | | | | 3.3 | .7 | 23.3 | | | 24.0 | 150 |
| | 12 | 11.3 | 6.7 | | | | 6.7 | | 17.3 | | | 17.3 | 150 |
| | 15 | 9.3 | 4.7 | | | | 4.7 | | 12.0 | | | 12.0 | 150 |
| | 18 | 3.3 | 1.3 | | | | 1.3 | | 11.3 | | | 11.3 | 150 |
| | 21 | 1.3 | 2.0 | | | | 2.0 | | 6.7 | | | 6.7 | 150 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 3.8 | 3.0 | | | | 3.0 | 7.2 | 14.7 | | | 17.6 | 1200 |

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# WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 00 | 3.2 | 3.2 | | | | 3.2 | 4.5 | 9.0 | | | 11.0 | 155 |
| | 03 | 1.9 | 2.6 | | | | 2.6 | 16.1 | 13.5 | | | 21.9 | 155 |
| | 06 | .6 | 2.6 | | | | 2.6 | 44.5 | 35.5 | | | 54.2 | 155 |
| | 09 | .6 | 5.2 | | | | 5.2 | 1.3 | 40.6 | | | 41.3 | 155 |
| | 12 | 14.2 | 12.3 | | | | 12.3 | | 27.7 | | | 27.7 | 155 |
| | 15 | 16.1 | 11.0 | | | | 11.0 | 1.3 | 19.4 | | | 20.0 | 155 |
| | 18 | 6.5 | 4.5 | | | | 4.5 | .6 | 15.5 | | | 15.5 | 155 |
| | 21 | 1.9 | 3.2 | | | | 3.2 | 1.3 | 11.0 | | | 11.6 | 155 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 5.6 | 3.6 | | | | 5.6 | 8.7 | 21.5 | | | 25.4 | 1240 |

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# WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG | 00 | | | | | | | 8.4 | 12.3 | | | 15.5 | 155 |
| | 03 | 1.3 | 1.3 | | | | 1.3 | 18.1 | 13.5 | | | 23.2 | 155 |
| | 06 | .6 | 3.2 | | | | 3.2 | 41.9 | 29.0 | | | 49.0 | 155 |
| | 09 | 1.9 | 7.7 | | | | 7.7 | 3.2 | 29.7 | | | 31.0 | 155 |
| | 12 | 9.0 | 14.8 | | | | 14.8 | 1.9 | 20.6 | | | 22.6 | 155 |
| | 15 | 21.3 | 23.2 | | | | 23.2 | .6 | 14.2 | | | 14.2 | 155 |
| | 18 | 10.3 | 9.7 | | | | 9.7 | 1.3 | 11.6 | | | 12.3 | 155 |
| | 21 | 1.9 | 2.6 | | | | 2.6 | 3.2 | 8.4 | | | 10.3 | 155 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 5.8 | 7.8 | | | | 7.8 | 9.8 | 17.4 | | | 22.3 | 1240 |

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# WEATHER CONDITIONS



12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP | 00 | 1.3 | 6.7 | | | | 6.7 | 9.3 | 18.7 | | | 21.3 | 150 |
| | 03 | 1.3 | 4.7 | | | | 4.7 | 24.0 | 18.0 | | | 29.3 | 150 |
| | 06 | 2.0 | 5.3 | | | | 5.3 | 44.7 | 35.3 | | | 56.7 | 150 |
| | 09 | 2.0 | 7.3 | | | | 7.3 | 5.3 | 32.0 | | | 34.7 | 150 |
| | 12 | 7.3 | 12.7 | | | | 12.7 | 4.0 | 24.0 | | | 27.3 | 150 |
| | 15 | 6.0 | 12.0 | | | | 12.0 | 1.3 | 18.0 | | | 19.3 | 150 |
| | 18 | 2.0 | 4.0 | | | | 4.0 | | 18.0 | | | 18.0 | 150 |
| | 21 | .7 | 6.7 | | | | 6.7 | | 13.3 | | | 13.3 | 150 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.8 | 7.4 | | | | 7.4 | 11.1 | 22.2 | | | 27.5 | 1200 |



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# WEATHER CONDITIONS



12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT | 00 | | 1.3 | | | | 1.3 | 16.8 | 15.5 | | | 25.2 | 155 |
| | 03 | .6 | 2.6 | | | | 2.6 | 32.3 | 20.6 | | | 37.4 | 155 |
| | 06 | | 2.6 | | | | 2.6 | 48.4 | 29.0 | | | 54.2 | 155 |
| | 09 | | 3.9 | | | | 3.9 | 15.5 | 36.8 | | | 42.6 | 155 |
| | 12 | 1.9 | 6.5 | | | | 6.5 | 3.2 | 15.5 | | | 16.8 | 155 |
| | 15 | | 3.9 | | | | 3.9 | 1.9 | 12.3 | | | 13.5 | 155 |
| | 18 | .6 | 4.5 | | | | 4.5 | 3.9 | 12.3 | | | 14.8 | 155 |
| | 21 | | 4.5 | | | | 4.5 | 5.2 | 13.5 | | | 16.1 | 155 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 3.7 | | | | 3.7 | 15.9 | 19.4 | | | 27.6 | 1240 |

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# WEATHER CONDITIONS

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | 00 | 1.3 | 8.0 | | | | 8.0 | 24.0 | 6.7 | | | 26.0 | 150 |
| | 03 | 2.0 | 11.3 | | | | 11.3 | 26.7 | 5.3 | | | 28.7 | 150 |
| | 06 | | 10.7 | | | | 10.7 | 32.0 | 5.3 | | | 34.0 | 150 |
| | 09 | .7 | 8.0 | | | | 8.0 | 20.7 | 12.0 | | | 27.3 | 150 |
| | 12 | | 8.7 | | | | 8.7 | 6.7 | 10.7 | | | 17.3 | 150 |
| | 15 | .7 | 10.0 | | | | 10.0 | 5.3 | 8.7 | | | 13.3 | 150 |
| | 18 | .7 | 8.7 | | | | 8.7 | 11.3 | 10.7 | | | 18.0 | 150 |
| | 21 | .7 | 6.0 | | | | 6.0 | 16.7 | 8.7 | | | 19.3 | 150 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .8 | 8.9 | | | | 8.9 | 17.9 | 8.5 | | | 23.0 | 1200 |



5701 WEATHER CONDITIONS JAN 68

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# WEATHER CONDITIONS



12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEC | 00 | 1.3 | 9.7 | | | | 9.7 | 22.6 | 4.5 | | | 26.5 | 155 |
| | 03 | 2.6 | 6.5 | | | | 6.5 | 23.2 | 3.9 | | | 24.5 | 155 |
| | 06 | | 8.4 | | | | 8.4 | 28.4 | 3.9 | | | 28.4 | 155 |
| | 09 | | 5.2 | | | | 5.2 | 25.2 | 12.9 | | | 34.8 | 155 |
| | 12 | .6 | 5.2 | | | | 5.2 | 7.7 | 10.3 | | | 16.8 | 155 |
| | 15 | 1.3 | 6.5 | | | | 6.5 | 4.5 | 12.9 | | .6 | 18.1 | 155 |
| | 18 | 1.3 | 9.7 | | .6 | | 10.3 | 8.4 | 11.0 | | .6 | 18.7 | 155 |
| | 21 | .6 | 8.4 | | | | 8.4 | 14.2 | 7.1 | | .6 | 19.4 | 155 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.0 | 7.5 | | .1 | | 7.5 | 16.8 | 8.3 | | .2 | 23.4 | 1240 |



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# WEATHER CONDITIONS



12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) ALL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | ALL | .6 | 11.1 | | .1 | | 11.1 | 21.0 | 7.1 | | | 26.6 | 1240 |
| FEB | | .7 | 4.7 | | .4 | | 5.0 | 15.9 | 8.1 | | 1.0 | 22.4 | 1128 |
| MAR | | 2.4 | 9.6 | | | | 9.6 | 16.7 | 9.0 | | .4 | 23.9 | 1240 |
| APR | | 1.5 | 5.2 | | | | 5.2 | 11.6 | 9.3 | | .1 | 18.0 | 1200 |
| MAY | | 2.3 | 5.9 | | | | 5.9 | 9.8 | 15.4 | | | 21.0 | 1240 |
| JUN | | 3.8 | 3.0 | | | | 3.0 | 7.2 | 14.7 | | | 17.6 | 1200 |
| JUL | | 5.6 | 5.6 | | | | 5.6 | 8.7 | 21.5 | | | 25.4 | 1240 |
| AUG | | 5.8 | 7.8 | | | | 7.8 | 9.8 | 17.4 | | | 22.3 | 1240 |
| SEP | | 2.8 | 7.4 | | | | 7.4 | 11.1 | 22.2 | | | 27.5 | 1200 |
| OCT | | .4 | 3.7 | | | | 3.7 | 15.9 | 19.4 | | | 27.6 | 1240 |
| NOV | | .8 | 8.9 | | | | 8.9 | 17.9 | 8.5 | | | 23.0 | 1200 |
| DEC | | 1.0 | 7.5 | | .1 | | 7.5 | 16.8 | 8.3 | | .2 | 23.4 | 1240 |
| TOTALS | | 2.3 | 6.7 | | .0 | | 6.7 | 13.5 | 13.4 | | .1 | 23.2 | 14608 |



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# WEATHER CONDITIONS
## ATMOSPHERIC PHENOMENA

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 58-77 (YEARS) ALL (MONTH)

### PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | DAILY | 7.6 | 45.3 | | .7 | .2 | 45.5 | 54.8 | 50.4 | | | 67.6 | 589 |
| FEB | | 9.8 | 41.5 | .2 | 1.1 | .2 | 41.8 | 46.8 | 44.9 | .2 | .2 | 58.7 | 564 |
| MAR | | 14.2 | 44.2 | | | .3 | 44.2 | 52.7 | 46.1 | | .2 | 62.9 | 620 |
| APR | | 13.2 | 33.0 | | | .7 | 33.0 | 54.0 | 49.3 | | .2 | 64.7 | 600 |
| MAY | | 23.5 | 34.5 | | | .6 | 34.5 | 54.7 | 54.5 | | | 65.5 | 620 |
| JUN | | 37.3 | 43.3 | | | .2 | 43.3 | 41.8 | 47.5 | | | 56.2 | 600 |
| JUL | | 60.6 | 63.2 | | | .2 | 63.2 | 39.5 | 47.3 | | | 53.5 | 620 |
| AUG | | 51.6 | 60.5 | | | | 60.5 | 41.8 | 47.4 | | | 55.3 | 620 |
| SEP | | 28.7 | 48.3 | | | | 48.3 | 48.2 | 55.7 | | | 64.8 | 600 |
| OCT | | 7.9 | 27.6 | | | | 27.6 | 55.3 | 57.7 | | | 67.6 | 620 |
| NOV | | 6.7 | 34.7 | | .2 | | 34.7 | 51.0 | 49.3 | | | 64.0 | 600 |
| DEC | | 8.1 | 41.8 | | .5 | | 41.9 | 54.7 | 49.5 | | | 66.5 | 620 |
| TOTALS | | 22.4 | 43.2 | .0 | .2 | .2 | 43.2 | 49.6 | 50.0 | .0 | .0 | 62.3 | 7273 |

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 68

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2

# PERCENTAGE FREQUENCY OF WIND DIRECTION
# VS. WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 73 - DEC 77 (YEARS) JANUARY (MONTH) ALL (HOURS (L.S.T.))

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.0 | 4.3 | 5.0 | | | | | 1.4 | 7.9 | 2.1 | 7.1 | | | 75.7 |
| NNE | 12.8 | 2.3 | 7.0 | | 1.2 | | | 1.2 | 9.3 | 5.8 | 12.8 | | | 65.1 |
| NE | 18.8 | 2.4 | 3.5 | | | | | | 14.1 | 5.9 | 5.9 | | | 62.4 |
| ENE | 15.0 | | 1.7 | | | | | | 16.7 | 1.7 | 11.7 | | | 61.7 |
| E | 6.2 | | 6.2 | | | | | | 21.0 | 3.7 | 11.1 | | | 65.4 |
| ESE | 6.3 | 3.8 | 3.8 | | | | | 1.3 | 25.3 | 2.5 | 3.8 | | | 65.8 |
| SE | 4.9 | 7.4 | 1.2 | | | | | | 25.9 | 3.7 | 4.9 | | | 58.0 |
| SSE | 4.1 | 2.1 | 2.1 | | | | | 1.0 | 20.6 | 6.2 | 8.2 | | | 59.8 |
| S | 5.1 | 2.6 | | | | | | | 26.9 | 2.6 | 7.7 | | | 61.5 |
| SSW | | 8.7 | | | | | | 4.3 | 19.6 | 2.2 | 8.7 | | | 65.2 |
| SW | 7.7 | 3.8 | | | | | | 3.8 | 23.1 | | | | | 69.2 |
| WSW | | 3.1 | | | | | | | 12.5 | | 9.4 | | | 75.0 |
| W | 5.7 | 2.9 | | | | | | | 11.4 | 2.9 | 2.9 | | | 80.0 |
| WNW | | | | | | | | | 16.1 | 3.2 | 12.9 | | | 71.0 |
| NW | 3.3 | | 3.3 | | | | | | 10.0 | 3.3 | 6.7 | | | 80.0 |
| NNW | 1.5 | 1.5 | | | | | | | 11.8 | | 4.4 | | | 82.4 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | 1.1 | .5 | 1.6 | | | | | | 11.4 | 14.1 | 2.7 | | | 73.9 |
| TOTAL | 73 | 32 | 32 | | 1 | | | 8 | 200 | 60 | 85 | | | 848 |
| % TOTAL | 5.9 | 2.6 | 2.6 | | .1 | | | .6 | 16.1 | 4.8 | 6.9 | | | 68.4 |

TOTAL NUMBER OF OBSERVATIONS 1,239

NAVWEASERVCOM

5-73% FREQ. WIND DIR. VS WEATHER JAN 68

1193

2

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12939 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 73 - DEC 77 (YEARS) FEBRUARY (MONTH) ALL (HOURS (L.S.T.))

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SH ICE CRY | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 1.1 | 3.2 | | | | | 1.1 | 9.6 | 4.3 | 4.3 | | | 83.0 |
| NNE | 3.5 | | | | | 1.8 | | | 5.3 | 3.5 | 3.5 | | | 80.7 |
| NE | 17.1 | | | | | | | | 2.9 | | 8.6 | | | 77.1 |
| ENE | 7.1 | 2.4 | | | | | | | 14.3 | 2.4 | 14.3 | | | 73.8 |
| E | 3.6 | 1.4 | | | 1.4 | | | | 11.3 | 4.2 | 15.5 | | | 64.8 |
| ESE | | 4.4 | | | | | | 1.5 | 8.8 | 10.3 | 13.2 | | | 73.5 |
| SE | 1.6 | 4.8 | | | | | | 1.6 | 15.9 | 1.6 | 15.9 | | | 66.7 |
| SSE | 1.6 | | | | | | | | 9.5 | 4.8 | 9.5 | | | 73.0 |
| S | | 3.3 | | | | | | 1.7 | 8.3 | 6.7 | 9.2 | | | 69.2 |
| SSW | 3.3 | 4.9 | | | | | | | 9.8 | 8.2 | 6.6 | | | 70.5 |
| SW | | 2.3 | | | | | | 4.7 | | | 2.3 | | | 90.7 |
| WSW | | 3.3 | | | | | | | 6.7 | 13.3 | 3.3 | | | 80.0 |
| W | 2.0 | 2.0 | | | | | | | 2.0 | 10.2 | 2.0 | | | 79.6 |
| WNW | | 5.9 | 2.9 | | | | | 2.9 | 2.9 | 2.9 | 8.8 | | | 82.4 |
| NW | 4.3 | 2.3 | | | | | | | 9.1 | 6.8 | 4.5 | | | 79.5 |
| NNW | 1.8 | | | | | | | | 7.0 | | 7.0 | | | 87.7 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | .5 | | | | | | | | 8.1 | 18.8 | 4.8 | | | 69.5 |
| TOTAL | 27 | 22 | 4 | | 3 | 1 | | 8 | 95 | 84 | 87 | | | 844 |
| % TOTAL | 2.4 | 2.0 | .4 | | .3 | .1 | | .7 | 8.4 | 7.4 | 7.7 | | | 74.8 |

TOTAL NUMBER OF OBSERVATIONS 1,128

NAVWEASERVCOM

5708 % FREQ WIND DIR. VS WEATHER JAN 68

2

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 73 - DEC 77 (YEARS) MARCH (MONTH) ALL (HOURS (L.S.T.))

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 6.0 | 6.0 | 2.4 | | | | | 3.6 | 10.8 | | 2.4 | | | 78.3 |
| NNE | 4.8 | 4.8 | | | | | | | 9.7 | 3.2 | 6.5 | | | 75.8 |
| NE | 4.2 | 10.4 | 2.1 | | | | | 4.2 | 10.4 | 8.3 | 6.3 | | | 66.7 |
| ENE | 13.0 | 7.4 | 1.9 | | | | | 5.6 | 14.8 | 3.7 | 9.3 | | | 63.0 |
| E | 1.3 | 2.5 | | | | | | 1.3 | 8.8 | 3.8 | 12.5 | | | 75.0 |
| ESE | 2.3 | 5.7 | 1.1 | | | | | | 5.7 | 5.7 | 15.9 | | | 65.9 |
| SE | 1.3 | 6.7 | 1.3 | | | | | 2.7 | 21.3 | 8.0 | 10.7 | | | 61.3 |
| SSE | .6 | 7.0 | 3.2 | | | | | 5.1 | 14.6 | 5.7 | 15.9 | | | 63.7 |
| S | 1.8 | 3.0 | 4.3 | | | | | 1.2 | 12.8 | 1.2 | 11.0 | | | 75.0 |
| SSW | | 8.8 | 1.5 | | | | | 4.4 | 10.3 | 5.9 | 7.4 | | | 76.5 |
| SW | | 2.2 | | | | | | | 4.4 | 8.9 | 2.2 | | | 80.0 |
| WSW | 2.6 | 17.9 | | | | | | 2.6 | 10.3 | 2.6 | 2.6 | | | 71.8 |
| W | 2.9 | 5.9 | | | | | | 2.9 | 8.8 | 2.9 | 2.9 | | | 73.5 |
| WNW | | 10.5 | | | | | | 10.5 | 15.8 | 5.3 | 15.8 | | | 63.2 |
| NW | 8.0 | 12.0 | | | | | | | 12.0 | | 8.0 | | | 76.0 |
| NNW | | 4.3 | 2.2 | | | | | 4.3 | 13.0 | 2.2 | 2.2 | | | 80.4 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | 1.3 | .7 | | | | | | 11.8 | 10.5 | 3.3 | | | 72.5 |
| TOTAL | 29 | 70 | 21 | | | | | 30 | 146 | 61 | 108 | | | 885 |
| % TOTAL | 2.3 | 5.6 | 1.7 | | | | | 2.4 | 11.8 | 4.9 | 8.7 | | | 71.4 |

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 73 - DEC 77 (YEARS) APRIL (MONTH) ALL (HOURS (L.S.T.))

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.3 | | | | | | | | 3.3 | 6.7 | 1.7 | | | 86.7 |
| NNE | | 3.7 | | | | | | 1.9 | 1.9 | | 1.9 | | | 92.6 |
| NE | | 9.4 | | | | | | 6.3 | 3.1 | 3.1 | 6.3 | | | 81.3 |
| ENE | 5.3 | 13.2 | | | | | | | 18.4 | 2.6 | 7.9 | | | 65.8 |
| E | 3.9 | 2.0 | 1.0 | | | | | | 6.9 | 2.9 | 6.9 | | | 83.3 |
| ESE | .9 | 5.4 | | | | | | .9 | 12.6 | 2.7 | 9.9 | | | 73.0 |
| SE | 2.6 | 6.1 | | | | | | 2.6 | 4.4 | 1.8 | 7.0 | | | 80.7 |
| SSE | 1.6 | 2.4 | | | | | | .8 | 4.0 | 4.0 | 12.9 | | | 78.2 |
| S | | 4.0 | | | | | | 2.4 | 9.6 | 1.6 | 12.8 | | | 73.6 |
| SSW | | | | | | | | 3.2 | 6.5 | | 16.1 | | | 74.2 |
| SW | | | | | | | | | 5.6 | | 11.1 | | | 83.3 |
| WSW | | 3.8 | | | | | | | | | 7.7 | | | 88.5 |
| W | | 5.4 | | | | | | 2.7 | 5.4 | | 10.8 | | | 81.1 |
| WNW | | 6.7 | | | | | | 3.3 | 6.7 | 3.3 | | | | 86.7 |
| NW | 7.4 | | | | | | | 3.7 | 3.7 | 3.7 | 11.1 | | | 74.1 |
| NNW | | 2.8 | | | | | | 2.8 | | | | | | 97.2 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | .9 | 1.7 | | | | | | .9 | 3.8 | 10.1 | 7.2 | | | 74.9 |
| TOTAL | 18 | 43 | 1 | | | | | 18 | 71 | 68 | 98 | | | 948 |
| % TOTAL | 1.5 | 3.6 | .1 | | | | | 1.5 | 5.9 | 5.7 | 8.2 | | | 79.0 |

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

5 FREQ. WIND DIR. VS WEATHER JAN 68

2

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 73 - DEC 77 (YEARS) MAY (MONTH) ALL (HOURS (L.S.T.))

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.1 | 6.1 | | | | | | 10.2 | | 6.1 | 4.1 | | | 79.6 |
| NNE | 6.3 | 8.3 | | | | | | 6.3 | 6.3 | 4.2 | 12.5 | | | 70.8 |
| NE | 5.1 | 10.3 | | | | | | 2.6 | | 5.1 | 20.5 | | | 66.7 |
| ENE | 2.6 | | | | | | | | | | 18.4 | | | 76.3 |
| E | | 7.2 | | | | | | 1.4 | 1.4 | 1.4 | 20.3 | | | 69.6 |
| ESE | 4.2 | 3.1 | | | | | | 1.0 | 4.2 | 3.1 | 13.5 | | | 72.9 |
| SE | 2.2 | 5.4 | | | | | | 4.3 | 1.1 | 3.2 | 6.5 | | | 83.9 |
| SSE | 2.0 | 1.0 | | | | | | 3.0 | | 2.0 | 8.1 | | | 84.8 |
| S | 2.0 | 3.9 | | | | | | 2.0 | 2.6 | 2.0 | 11.8 | | | 79.6 |
| SSW | | 3.0 | | | | | | 1.5 | 1.5 | 1.5 | 13.4 | | | 83.6 |
| SW | 2.1 | 10.6 | | | | | | | 4.3 | | 19.1 | | | 66.0 |
| WSW | | 4.9 | | | | | | 2.4 | | 2.4 | 14.6 | | | 75.6 |
| W | | 11.6 | | | | | | 4.7 | | 9.3 | 16.3 | | | 72.1 |
| WNW | | | | | | | | | | 10.5 | 21.1 | | | 78.9 |
| NW | 4.5 | 4.5 | | | | | | 4.5 | 4.5 | | 18.2 | | | 72.7 |
| NNW | | 4.2 | | | | | | 4.2 | | | 25.0 | | | 70.8 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | 1.9 | | | | | | .7 | 4.4 | 21.8 | 18.7 | | | 65.6 |
| TOTAL | 21 | 52 | | | | | | 29 | 30 | 91 | 182 | | | 919 |
| % TOTAL | 1.7 | 4.2 | | | | | | 2.3 | 2.4 | 7.3 | 14.7 | | | 74.1 |

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708% FR WIND DIR. VS WEATHER JAN 68

1193

2

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | JAN 73 - DEC 77 (YEARS) | JUNE (MONTH) | ALL (HOURS (L.S.T.))

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 2.1 | | | | | | 2.1 | 2.1 | | 6.4 | | | 87.2 |
| NNE | | 13.5 | | | | | | 8.1 | | 2.7 | 5.4 | | | 75.7 |
| NE | | | | | | | | | | 16.7 | 5.6 | | | 77.8 |
| ENE | | | | | | | | 3.4 | | | 6.9 | | | 89.7 |
| E | | 7.0 | | | | | | 8.5 | | | 9.9 | | | 83.1 |
| ESE | | 2.3 | | | | | | 7.0 | | 7.0 | 14.0 | | | 72.1 |
| SE | | | | | | | | 5.6 | 1.4 | 1.4 | 8.3 | | | 84.7 |
| SSE | | | | | | | | 1.1 | 2.2 | 1.1 | 12.1 | | | 86.8 |
| S | .7 | 3.4 | | | | | | 2.8 | | 1.4 | 10.3 | | | 82.8 |
| SSW | | 1.4 | | | | | | 4.2 | | 2.8 | 13.9 | | | 80.6 |
| SW | | 3.0 | | | | | | 6.1 | 3.0 | | 9.1 | | | 75.8 |
| WSW | | 11.4 | | | | | | 11.4 | | | 17.1 | | | 68.6 |
| W | | 3.2 | | | | | | 8.1 | | 3.2 | 17.7 | | | 67.7 |
| WNW | | 5.9 | | | | | | 11.8 | | 11.8 | 23.5 | | | 47.1 |
| NW | | 5.3 | | | | | | 10.5 | | 5.3 | 15.8 | | | 57.9 |
| NNW | | 5.9 | | | | | | 5.9 | | | 11.8 | | | 82.4 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | 1.8 | | | | | | 1.0 | 2.6 | 13.5 | 15.6 | | | 76.0 |
| TOTAL | 1 | 35 | | | | | | 46 | 15 | 71 | 153 | | | 935 |
| % TOTAL | .1 | 2.9 | | | | | | 3.8 | 1.3 | 5.9 | 12.8 | | | 77.9 |

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

5708% FREQ. WIND DIR. VS WEATHER JAN 68

2

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

| 12958 | NEW ORLEANS, LOUISIANA | JAN 73 - DEC 77 | JULY | ALL |
|---|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH | HOURS (L.S.T.) |

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 13.3 | | | | | | 6.7 | | | 33.3 | | | 50.0 |
| NNE | | 10.3 | | | | | | 12.8 | 2.6 | 2.6 | 41.0 | | | 41.0 |
| NE | | 9.5 | | | | | | 9.5 | | | 42.9 | | | 52.4 |
| ENE | | 3.0 | | | | | | 18.2 | | 3.0 | 15.2 | | | 66.7 |
| E | | 2.8 | | | | | | 5.6 | | | 22.2 | | | 69.4 |
| ESE | 2.5 | 10.0 | | | | | | 17.5 | | 2.5 | 12.5 | | | 72.5 |
| SE | | 6.1 | | | | | | 9.1 | | | 18.2 | | | 75.8 |
| SSE | | 5.6 | | | | | | 8.3 | | | 5.6 | | | 83.3 |
| S | 2.5 | 13.9 | | | | | | 7.6 | | 2.5 | 2.5 | | | 79.7 |
| SSW | 1.7 | 6.8 | | | | | | 6.8 | 1.7 | 1.7 | 15.3 | | | 72.9 |
| SW | 1.6 | 3.2 | | | | | | 4.8 | 1.6 | | 9.7 | | | 82.3 |
| WSW | | 6.8 | | | | | | 6.8 | | 2.7 | 19.2 | | | 67.1 |
| W | 1.1 | 6.6 | | | | | | 8.8 | 4.4 | 5.5 | 30.8 | | | 53.8 |
| WNW | | 7.8 | | | | | | 5.9 | | 2.0 | 29.4 | | | 60.8 |
| NW | | 7.0 | | | | | | 7.0 | 2.3 | 2.3 | 30.2 | | | 53.5 |
| NNW | | 3.3 | | | | | | 6.7 | | | 30.0 | | | 63.3 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | .8 | .6 | | | | | | 1.2 | 3.9 | 13.6 | 18.0 | | | 70.2 |
| TOTAL | 10 | 59 | | | | | | 70 | 27 | 81 | 244 | | | 841 |
| % TOTAL | .8 | 4.8 | | | | | | 5.6 | 2.2 | 6.5 | 19.7 | | | 67.8 |

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708/6 FREQ. WIND DIR. VS WEATHER JAN 68

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | JAN 73 - DEC 77 (YEARS) | AUGUST (MONTH) | ALL (HOURS (L.S.T.))

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 5.2 | | | | | | 8.6 | 3.4 | 5.2 | 27.6 | | | 60.3 |
| NNE | | 2.6 | | | | | | 5.1 | | 5.1 | 41.0 | | | 56.4 |
| NE | | 6.3 | | | | | | 6.3 | | 2.1 | 29.2 | | | 58.3 |
| ENE | | 11.5 | | | | | | 9.6 | | | 17.3 | | | 67.3 |
| E | .9 | 8.5 | | | | | | 4.7 | | | 15.1 | | | 75.5 |
| ESE | | 7.5 | | | | | | 3.0 | 1.5 | | 13.4 | | | 74.6 |
| SE | | 13.6 | | | | | | 15.9 | | | 2.3 | | | 75.0 |
| SSE | | 10.2 | | | | | | 6.1 | | | 4.1 | | | 79.6 |
| S | 4.5 | 15.9 | | | | | | 14.3 | | 1.6 | 4.8 | | | 66.7 |
| SSW | | 23.7 | | | | | | 13.2 | | | 2.6 | | | 71.1 |
| SW | 5.9 | 23.5 | | | | | | 23.5 | 5.9 | | 17.6 | | | 52.9 |
| WSW | 3.1 | 18.8 | | | | | | 9.4 | 6.3 | | 9.4 | | | 68.8 |
| W | | 12.2 | | | | | | 9.8 | 7.3 | 4.9 | 24.4 | | | 58.5 |
| WNW | | 17.4 | | | | | | 13.0 | 4.3 | | 26.1 | | | 43.5 |
| NW | | 12.5 | | | | | | 12.5 | 6.3 | | 12.5 | | | 62.5 |
| NNW | | 6.7 | | | | | | 20.0 | | | 20.0 | | | 53.3 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | .4 | 1.9 | | | | | | 1.3 | 1.9 | 13.2 | 13.2 | | | 71.6 |
| TOTAL | 8 | 89 | | | | | | 72 | 32 | 90 | 195 | | | 855 |
| % TOTAL | .6 | 7.2 | | | | | | 5.8 | 2.6 | 7.3 | 15.7 | | | 69.0 |

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708 % FREQ. WIND DIR. VS WEATHER (N 68)

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 73 - DEC 77 (YEARS) SEPTEMBER (MONTH) ALL (HOURS (L.S.T.))

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.4 | 3.6 | | | | | | .9 | 2.7 | 3.6 | 28.6 | | | 59.8 |
| NNE | 4.3 | 3.4 | | | | | | 1.1 | 3.4 | 4.5 | 23.6 | | | 66.3 |
| NE | | 7.0 | | | | | | 3.5 | 3.5 | | 21.1 | | | 70.2 |
| ENE | | 10.0 | | | | | | 2.5 | | | 23.8 | | | 66.3 |
| E | 2.0 | 5.0 | | | | | | 3.0 | | | 12.9 | | | 80.2 |
| ESE | 9.7 | 8.3 | | | | | | 1.4 | 2.8 | | 6.9 | | | 72.2 |
| SE | 4.8 | 19.0 | | | | | | 7.1 | | | 7.1 | | | 64.3 |
| SSE | 5.3 | 13.2 | | | | | | 5.3 | | | 7.9 | | | 71.1 |
| S | 2.2 | 8.9 | | | | | | 6.7 | 2.2 | | 6.7 | | | 77.8 |
| SSW | 2.5 | 10.0 | | | | | | 12.5 | | 2.5 | 5.0 | | | 75.0 |
| SW | | 9.5 | | | | | | 4.8 | 4.8 | 4.8 | 14.3 | | | 71.4 |
| WSW | | 8.7 | | | | | | 8.7 | 4.3 | | 13.0 | | | 82.6 |
| W | | 21.1 | | | | | | 10.5 | 5.3 | 10.5 | 31.6 | | | 52.6 |
| WNW | | 4.3 | | | | | | 13.0 | 8.7 | 4.3 | 30.4 | | | 43.5 |
| NW | | 9.1 | | | | | | 4.5 | 13.6 | | 31.8 | | | 59.1 |
| NNW | | | | | | | | | 3.0 | | 33.3 | | | 66.7 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | .3 | .3 | | | | | | .5 | 7.0 | 19.1 | 24.3 | | | 61.6 |
| TOTAL | 26 | 63 | | | | | | 34 | 47 | 86 | 243 | | | 795 |
| % TOTAL | 2.2 | 5.3 | | | | | | 2.8 | 3.9 | 7.2 | 20.3 | | | 66.3 |

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

5-68 % FREQ. WIND DIR. VS WEATHER JAN 68

1194

2

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

| 12958 | NEW ORLEANS, LOUISIANA | JAN 73 - DEC 77 | OCTOBER | ALL |
|---|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH | HOURS (L.S.T.) |

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 2.2 | | | | | | | 6.0 | 5.2 | 10.4 | | | 79.9 |
| NNE | 1.1 | | | | | | | | 5.6 | 5.6 | 17.8 | | | 76.7 |
| NE | 5.2 | 1.3 | | | | | | | 7.8 | 1.3 | 26.0 | | | 66.2 |
| ENE | | 3.5 | | | | | | | 9.5 | 2.4 | 29.4 | | | 67.1 |
| E | | 5.5 | | | | | | 1.8 | 5.5 | 8.3 | 24.8 | | | 63.3 |
| ESE | 2.0 | 2.0 | | | | | | | 3.9 | 2.9 | 19.6 | | | 75.5 |
| SE | 1.8 | 7.0 | | | | | | | 1.8 | 10.5 | 19.3 | | | 68.4 |
| SSE | | 9.7 | | | | | | 3.2 | 3.2 | | 9.7 | | | 80.6 |
| S | 4.2 | 12.5 | | | | | | | | 8.3 | 12.5 | | | 75.0 |
| SSW | | 7.1 | | | | | | | 7.1 | | | | | 85.7 |
| SW | | 7.1 | | | | | | | 14.3 | | 14.3 | | | 71.4 |
| WSW | | | | | | | | | 15.4 | | 15.4 | | | 76.9 |
| W | 9.5 | 4.8 | | | | | | 4.8 | 4.8 | | 19.0 | | | 61.9 |
| WNW | | | 5.9 | | | | | | 5.9 | | 17.6 | | | 58.8 |
| NW | | | | | | | | | 5.0 | 5.0 | 10.0 | | | 90.0 |
| NNW | | 2.0 | 2.0 | | | | | 2.0 | 6.0 | 2.0 | 8.0 | | | 86.0 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | .3 | | | | | | | | 8.2 | 20.9 | 18.8 | | | 64.7 |
| TOTAL | 15 | 29 | 2 | | | | | 5 | 80 | 117 | 227 | | | 875 |
| % TOTAL | 1.2 | 2.3 | .2 | | | | | .4 | 6.5 | 9.4 | 18.3 | | | 70.6 |

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708% FREQ WIND DIR. VS WEATHER JAN 68

2

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | JAN 73 - DEC 77 (YEARS) | NOVEMBER (MONTH) | ALL (HOURS (L.S.T.))

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.1 | 5.1 | | | | | | 1.0 | 10.1 | 2.0 | 5.1 | | | 76.8 |
| NNE | 3.9 | 1.3 | | | | | | 1.3 | 13.0 | 3.9 | 15.6 | | | 68.8 |
| NE | 18.6 | 7.0 | | | | | | | 23.3 | 2.3 | 2.3 | | | 58.1 |
| ENE | 8.8 | 3.5 | | | | | | 1.8 | 5.3 | | 3.5 | | | 84.2 |
| E | 8.2 | 1.0 | | | | | | 1.0 | 12.4 | 2.1 | 5.2 | | | 77.3 |
| ESE | 3.0 | 3.0 | 2.0 | | | | | | 11.9 | 5.0 | 15.8 | | | 67.3 |
| SE | 1.3 | 3.9 | | | | | | 1.3 | 20.8 | 5.2 | 10.4 | | | 66.2 |
| SSE | 5.6 | 6.9 | | | | | | 1.4 | 9.7 | 2.8 | 4.2 | | | 76.4 |
| S | 1.5 | 6.0 | | | | | | | 7.5 | 1.5 | 4.5 | | | 82.1 |
| SSW | 3.2 | 9.7 | | | | | | 3.2 | 6.5 | | 6.5 | | | 74.2 |
| SW | 6.7 | 6.7 | | | | | | | 6.7 | | 6.7 | | | 80.0 |
| WSW | 6.7 | 6.7 | | | | | | | 13.3 | | | | | 73.3 |
| W | | | | | | | | 5.6 | 16.7 | | 11.1 | | | 72.2 |
| WNW | 3.0 | 9.1 | 3.0 | | | | | 3.0 | 30.3 | 3.0 | 9.1 | | | 57.6 |
| NW | 9.3 | 4.7 | | | | | | | 14.0 | | 2.3 | | | 67.4 |
| NNW | 10.4 | 6.5 | | | | | | | 7.8 | 3.9 | 2.6 | | | 75.3 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | 1.1 | 1.4 | .4 | | | | | | 16.9 | 10.6 | 8.3 | | | 60.0 |
| TOTAL | 57 | 46 | 4 | | | | | 9 | 162 | 53 | 89 | | | 860 |
| % TOTAL | 4.8 | 3.8 | .3 | | | | | .8 | 13.5 | 4.4 | 7.4 | | | 71.7 |

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

5708 % FREQ. WIND DIR VS WEATHER JAN 68

1194

2

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 73 - DEC 77 (YEARS) DECEMBER (MONTH) ALL (HOURS (L.S.T.))

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 1.0 | 1.9 | | | | | | 12.6 | 1.0 | 6.8 | | | 79.6 |
| NNE | 7.6 | | | | | | | | 13.0 | 2.2 | 6.5 | | | 78.3 |
| NE | 5.8 | 1.9 | | | | | | | 11.5 | 1.9 | 7.7 | | | 75.0 |
| ENE | 18.2 | 2.3 | 2.3 | | | | | | 20.5 | 2.3 | 18.2 | | | 50.0 |
| E | 11.4 | | | | | | | | 7.1 | 7.1 | 24.3 | | | 62.9 |
| ESE | 5.2 | 3.1 | 1.0 | | | | | | 12.4 | 3.1 | 3.1 | | | 76.3 |
| SE | 5.3 | 7.0 | | | | | | 3.5 | 19.3 | 5.3 | 8.8 | | | 63.2 |
| SSE | 3.8 | 7.6 | | | | | | 5.1 | 11.4 | 5.1 | 5.1 | | | 72.2 |
| S | 5.3 | 1.3 | | | | | | 2.6 | 22.4 | | 2.6 | | | 68.4 |
| SSW | | | | | | | | | 8.6 | 3.4 | 5.2 | | | 84.5 |
| SW | 9.4 | 6.3 | | | | | | 3.1 | 15.6 | | | | | 75.0 |
| WSW | | 10.3 | | | | | | 6.9 | 10.3 | 6.9 | 3.4 | | | 79.3 |
| W | 2.4 | 2.4 | 2.4 | | | | | | 9.8 | 2.4 | 2.4 | | | 73.2 |
| WNW | 2.2 | 2.2 | | | | | | | 17.8 | 2.2 | 4.4 | | | 68.9 |
| NW | 1.8 | | 1.8 | | | | | | 8.9 | | 5.4 | | | 85.7 |
| NNW | 7.6 | 2.5 | 1.3 | | | | | 1.3 | 13.9 | 1.3 | 6.3 | | | 78.5 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | 1.7 | | | | | | | | 11.7 | 8.3 | 7.4 | | | 75.7 |
| TOTAL | 59 | 26 | 7 | | | | | 12 | 162 | 46 | 88 | | | 919 |
| % TOTAL | 4.8 | 2.1 | .6 | | | | | 1.0 | 13.1 | 3.7 | 7.1 | | | 74.1 |

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5 % FREQ. WIND DIR. VS WEATHER JAN 68

2

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

| 12958 | NEW ORLEANS, LOUISIANA | JAN 73 - DEC 77 | ALL | ALL |
|---|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH | HOURS (L.S.T.) |

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.5 | 3.6 | 1.4 | | | | | 2.1 | 6.7 | 3.1 | 10.5 | | | 75.6 |
| NNE | 4.4 | 3.2 | .8 | | .4 | .1 | | 2.2 | 6.8 | 3.8 | 14.7 | | | 71.7 |
| NE | 7.4 | 5.0 | .7 | | | | | 2.2 | 7.7 | 3.4 | 14.8 | | | 67.0 |
| ENE | 5.7 | 5.1 | .5 | | | | | 2.9 | 7.5 | 1.5 | 16.0 | | | 68.5 |
| E | 3.3 | 3.7 | .6 | | .1 | | | 2.1 | 6.3 | 2.9 | 14.5 | | | 73.0 |
| ESE | 3.1 | 4.6 | .7 | | | | | 1.8 | 8.3 | 3.6 | 11.8 | | | 71.8 |
| SE | 2.2 | 6.6 | .2 | | | | | 3.7 | 10.1 | 3.6 | 9.4 | | | 71.4 |
| SSE | 2.0 | 4.6 | .7 | | | | | 3.0 | 7.8 | 3.4 | 9.7 | | | 74.5 |
| S | 2.0 | 5.3 | .6 | | | | | 3.0 | 8.0 | 2.2 | 8.8 | | | 74.9 |
| SSW | .9 | 6.3 | .2 | | | | | 4.3 | 9.8 | 2.9 | 9.2 | | | 76.2 |
| SW | 2.4 | 5.6 | | | | | | 3.8 | 6.2 | 1.3 | 8.3 | | | 76.4 |
| WSW | .8 | 8.5 | | | | | | 4.6 | 5.2 | 2.6 | 10.8 | | | 74.2 |
| W | 1.6 | 6.1 | .2 | | | | | 5.1 | 5.3 | 4.7 | 15.5 | | | 68.0 |
| WNW | .6 | 5.8 | .9 | | | | | 4.7 | 9.6 | 3.5 | 15.8 | | | 64.9 |
| NW | 3.5 | 4.1 | .5 | | | | | 2.7 | 7.9 | 2.2 | 12.0 | | | 72.5 |
| NNW | 3.0 | 3.0 | .6 | | | | | 2.3 | 7.3 | 1.1 | 9.4 | | | 79.1 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | .5 | 1.0 | .1 | | | | | .6 | 7.1 | 15.7 | 14.0 | | | 60.8 |
| TOTAL | 344 | 566 | 71 | | 4 | 1 | | 341 | 1067 | 908 | 1799 | | | 10524 |
| % TOTAL | 2.4 | 3.9 | .5 | | .0 | .0 | | 2.3 | 7.3 | 6.2 | 12.3 | | | 72.0 |

TOTAL NUMBER OF OBSERVATIONS 14,607

NAVWEASERVCOM

5708% FREQ WIND DIR. VS WEATHER (JAN 68

NWSD, Federal Building

Asheville, N. C.

# PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

| | |
|---|---|
| PRECIPITATION | DERIVED FROM DAILY OBSERVATIONS |
| SNOWFALL* | DERIVED FROM DAILY OBSERVATIONS |
| SNOW DEPTH | DERIVED FROM DAILY OBSERVATIONS |

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

| | | |
|---|---|---|
| Air Force Stations | From beginning of record thru 1945 | Snow depth at 0800 LST |
| | Jan 46-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |
| U. S. Navy and Weather Bureau Stations | From beginning of record thru Jun 52 | Snow depth at 0030 GCT |
| | Jul 52-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

2

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

12958 NEW ORLEANS, LOUISIANA 58-77
STATION STATION NAME YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP. | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW-DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 56.0 | 10.7 | 2.9 | 4.9 | 5.3 | 4.9 | 5.4 | 5.3 | 4.1 | .2 | .3 | | | 33.3 | 589 | 4.78 | 11.84 | 1.10 |
| FEB | 58.2 | 10.8 | 1.6 | 5.1 | 3.2 | 4.6 | 6.2 | 5.3 | 3.9 | .9 | .2 | | | 31.0 | 565 | 4.60 | 9.41 | 1.39 |
| MAR | 55.8 | 14.7 | 3.4 | 5.0 | 3.5 | 3.9 | 4.2 | 3.7 | 5.0 | .8 | | | | 29.5 | 620 | 4.79 | 10.08 | .67 |
| APR | 67.0 | 10.3 | 2.8 | 3.5 | 2.2 | 3.7 | 3.0 | 3.2 | 3.5 | .5 | .3 | | | 22.7 | 600 | 4.20 | 15.27 | .69 |
| MAY | 65.5 | 7.3 | 2.4 | 2.7 | 3.2 | 4.7 | 4.5 | 5.2 | 3.4 | 1.1 | | | | 27.3 | 620 | 4.89 | 10.97 | .14 |
| JUN | 56.7 | 9.7 | 1.8 | 6.8 | 3.8 | 7.0 | 6.2 | 3.3 | 4.2 | .5 | | | | 33.7 | 600 | 4.20 | 9.65 | .37 |
| JUL | 36.8 | 11.3 | 2.9 | 8.4 | 6.6 | 11.9 | 9.2 | 7.3 | 5.0 | .6 | | | | 51.9 | 620 | 6.29 | 12.10 | 2.44 |
| AUG | 39.5 | 12.6 | 3.1 | 6.6 | 6.6 | 9.2 | 9.4 | 7.4 | 5.6 | | | | | 47.9 | 620 | 6.02 | 15.06 | 2.41 |
| SEP | 51.7 | 10.5 | 3.8 | 5.0 | 4.3 | 7.3 | 6.0 | 5.2 | 5.0 | 1.0 | .2 | | | 37.8 | 600 | 6.21 | 16.70 | 1.42 |
| OCT | 72.8 | 5.9 | 2.0 | 2.9 | 2.2 | 3.1 | 3.2 | 3.7 | 3.7 | .3 | | | | 21.2 | 589 | 3.65 | 10.78 | .01 |
| NOV | 65.3 | 9.5 | 2.2 | 4.8 | 1.8 | 4.5 | 4.0 | 3.5 | 4.2 | .2 | | | | 25.2 | 600 | 3.50 | 9.63 | .27 |
| DEC | 58.1 | 9.4 | 4.4 | 5.3 | 2.9 | 5.3 | 3.7 | 6.0 | 4.2 | .8 | | | | 32.6 | 620 | 4.77 | 9.05 | 1.42 |
| ANNUAL | 56.9 | 10.2 | 2.8 | 5.1 | 3.8 | 5.8 | 5.4 | 4.9 | 4.3 | .6 | .1 | | | 32.8 | 7243 | 57.90 | | |

5722 Daily Amounts Jan. 1969

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

12998 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 58-77 (YEARS)

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP. | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW-DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 99.4 | .6 | | | | | | | | | | | | | 620 | TRACE | TRACE | .0 |
| FEB | 99.1 | .7 | | .2 | | | | | | | | | | .2 | 565 | TRACE | .5 | .0 |
| MAR | 100.0 | | | | | | | | | | | | | | 620 | .0 | .0 | .0 |
| APR | 100.0 | | | | | | | | | | | | | | 600 | .0 | .0 | .0 |
| MAY | 100.0 | | | | | | | | | | | | | | 620 | .0 | .0 | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 600 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 620 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 620 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 600 | .0 | .0 | .0 |
| OCT | 100.0 | | | | | | | | | | | | | | 620 | .0 | .0 | .0 |
| NOV | 99.8 | .2 | | | | | | | | | | | | | 600 | TRACE | TRACE | .0 |
| DEC | 99.5 | .3 | | | | | | .2 | | | | | | .2 | 620 | .3 | 5.5 | .0 |
| ANNUAL | 99.8 | .1 | | .0 | | | | .0 | | | | | | .0 | 7305 | .3 | | |

NAVWEASERVCOM

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5722 Daily Amounts Jan. 1969

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

12958 NEW ORLEANS, LOUISIANA 58-77
STATION STATION NAME YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP. | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW-DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 99.5 | .2 | .2 | .2 | | | | | | | | | | .3 | 620 | | | |
| FEB | 99.8 | .2 | | | | | | | | | | | | | 537 | | | |
| MAR | 100.0 | | | | | | | | | | | | | | 620 | | | |
| APR | 100.0 | | | | | | | | | | | | | | 600 | | | |
| MAY | 100.0 | | | | | | | | | | | | | | 620 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 600 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 620 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 620 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 570 | | | |
| OCT | 100.0 | | | | | | | | | | | | | | 620 | | | |
| NOV | 100.0 | | | | | | | | | | | | | | 600 | | | |
| DEC | 99.8 | .2 | | | | | | | | | | | | | 620 | | | |
| ANNUAL | 99.9 | .0 | .0 | .0 | | | | | | | | | | .0 | 7247 | | | |

5722 Daily Amounts Jan 1969

NAVWEASERVCOM

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 58-77 (YEARS)

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP. | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW-DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 99.5 | .2 | .2 | .2 | | | | | | | | | | .3 | 620 | | | |
| FEB | 99.8 | .2 | | | | | | | | | | | | | 537 | | | |
| MAR | 100.0 | | | | | | | | | | | | | | 620 | | | |
| APR | 100.0 | | | | | | | | | | | | | | 600 | | | |
| MAY | 100.0 | | | | | | | | | | | | | | 620 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 600 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 620 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 620 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 570 | | | |
| OCT | 100.0 | | | | | | | | | | | | | | 620 | | | |
| NOV | 100.0 | | | | | | | | | | | | | | 600 | | | |
| DEC | 99.8 | .2 | | | | | | | | | | | | | 620 | | | |
| ANNUAL | 99.9 | .0 | .0 | .0 | | | | | | | | | | .0 | 7247 | | | |

NAVWEASERVCOM

5722 Daily Amounts Jan 1969

# EXTREME VALUES

## PRECIPITATION
(FROM DAILY OBSERVATIONS)

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 58-77 YEARS

192535

### 24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | 2.70 | .75 | 1.96 | .99 | 1.86 | 1.40 | 3.66 | 1.25 | 1.44 | .48 | .47 | .55 | 3.66 |
| 59 | 1.87 | 3.57 | 1.23 | 1.30 | 3.89 | 2.54 | 1.84 | 2.17 | .96 | 4.30 | .77 | .89 | 4.30 |
| 60 | 1.15 | 2.67 | 2.78 | 2.48 | .79 | .33 | 2.04 | 1.96 | 3.61 | 1.20 | .16 | 1.24 | 3.61 |
| 61 | 1.70 | 6.15 | 3.51 | 2.20 | 1.54 | 3.35 | 1.10 | 1.36 | 1.76 | 1.18 | 2.28 | 2.93 | 6.15 |
| 62 | .98 | .59 | .68 | 1.23 | .07 | 4.65 | 1.18 | 1.49 | .74 | 2.33 | 1.25 | .66 | 4.65 |
| 63 | .91 | 3.03 | .55 | 1.24 | 1.61 | 1.86 | 1.47 | 1.60 | 1.79 | .01 | 2.91 | 1.42 | 3.03 |
| 64 | 2.40 | 1.61 | 2.74 | 2.86 | 1.66 | 1.23 | 2.54 | 1.26 | 2.04 | 2.09 | .65 | 1.46 | 2.86 |
| 65 | 5.10 | 1.87 | 1.80 | 2.38 | 1.52 | 1.36 | 1.07 | 1.85 | 8.13 | 1.27 | 2.16 | 1.60 | 8.13 |
| 66 | 2.00 | 3.26 | 1.07 | 1.89 | 3.35 | .47 | 2.53 | 1.13 | 1.10 | 1.71 | .90 | 1.39 | 3.35 |
| 67 | 1.11 | 4.24 | 1.73 | 3.68 | 1.03 | 1.29 | 1.31 | 1.24 | 2.18 | 4.28 | .31 | 4.26 | 4.28 |
| 68 | .58 | .88 | .69 | 2.74 | 3.61 | .52 | .75 | 1.86 | .49 | 1.01 | 1.06 | 2.22 | 3.61 |
| 69 | 1.69 | 1.15 | 2.39 | 1.08 | 1.64 | .31 | 1.23 | 2.22 | .94 | | 1.01 | 1.24 | |
| 70 | 1.99 | .52 | 2.11 | .57 | 3.27 | 1.54 | 1.01 | 1.08 | 2.29 | 2.01 | .35 | 1.33 | 3.27 |
| 71 | 2.19 | 1.40 | 1.38 | .71 | 1.77 | 2.00 | 1.80 | 1.34 | 2.84 | .50 | 1.41 | 1.25 | 2.84 |
| 72 | 1.13 | 1.30 | 1.43 | .74 | 3.07 | 1.55 | .67 | 1.15 | 2.23 | 1.73 | 1.98 | 1.49 | 3.07 |
| 73 | | .86 | 3.25 | 6.73 | 1.50 | 1.46 | .94 | 1.06 | 2.09 | 1.73 | 1.70 | 3.64 | |
| 74 | 6.08 | .81 | 4.11 | 2.42 | 4.13 | .83 | 2.25 | 1.05 | 3.72 | .02 | 1.69 | 1.30 | 6.08 |
| 75 | 1.16 | .78 | 1.52 | 1.83 | 3.37 | 1.22 | 1.35 | 2.41 | 2.47 | 2.13 | 1.17 | 1.50 | 3.37 |
| 76 | .81 | 1.16 | 1.33 | .42 | 1.70 | 2.06 | 1.19 | .80 | .86 | 1.88 | 1.87 | 3.22 | 3.22 |
| 77 | 1.28 | .75 | 2.15 | .63 | 1.24 | .66 | 1.56 | 2.15 | 3.34 | 1.43 | 1.93 | 3.16 | 3.34 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| MEAN | 1.94 | 1.87 | 1.92 | 1.91 | 2.13 | 1.53 | 1.57 | 1.52 | 2.25 | 1.65 | 1.30 | 1.84 | 4.05 |
| S. D. | 1.419 | 1.498 | .974 | 1.453 | 1.142 | 1.059 | .734 | .472 | 1.676 | 1.157 | .750 | 1.038 | 1.411 |
| TOTAL OBS. | 589 | 565 | 620 | 600 | 620 | 600 | 620 | 620 | 600 | 589 | 600 | 620 | 7243 |

NAVWEASERVCOM

5723 Extreme Values Jan 1969

2

# EXTREME VALUES

## PRECIPITATION
(FROM DAILY OBSERVATIONS)

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 58-77 YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

| MONTH / YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | | | | | | | | | | .54<br>29 | | | PRECIP<br>DAYS |
| 73 | .49<br>30 | | | | | | | | | | | | PRECIP<br>DAYS |
| | | | | | | | | | | | | | |
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| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NAVWEASERVCOM

5723 Extreme Values Jan 1969

# EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

12958 NEW ORLEANS, LOUISIANA 58-77
STATION STATION NAME YEARS

## 24 HOUR AMOUNTS IN INCHES

| MONTH / YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 59 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 60 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 61 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 62 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 63 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.5 | 5.5 |
| 64 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 65 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 66 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 67 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 68 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 69 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 70 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 71 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 72 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 73 | TRACE | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .5 |
| 74 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 75 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 76 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 77 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
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| | | | | | | | | | | | | | |
| MEAN | TRACE | .03 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | TRACE | .28 | .30 |
| S. D. | .000 | .112 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.230 | 1.229 |
| TOTAL OBS. | 620 | 565 | 620 | 600 | 620 | 600 | 620 | 620 | 600 | 620 | 600 | 620 | 7305 |

NAVWEASERVCOM

1925 39

5723 Extreme Values Jan 1969

# EXTREME VALUES

## SNOW DEPTH
(FROM DAILY OBSERVATIONS)

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 58-77 YEARS

### DAILY SNOW DEPTH IN INCHES

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | TRACE | |
| 64 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| | | | | | | | | | | | | | |
| MEAN | .1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .1 |
| S. D. | .447 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .471 |
| TOTAL OBS. | 620 | 537 | 620 | 600 | 620 | 600 | 620 | 620 | 570 | 620 | 600 | 620 | 7247 |

NAVWEASERVCOM

5723 Extreme Values Jan 1969

# EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

12958 NEW ORLEANS, LOUISIANA 58-77
STATION STATION NAME YEARS

## DAILY SNOW DEPTH IN INCHES
## /BASED ON LESS THAN FULL MONTHS/

| MONTH / YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | | 0<br>27 | | | | | | | | | | | SNO DPTH<br>DAYS |
| 63 | | | | | | | | | 0<br>29 | | | | SNO DPTH<br>DAYS |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NAVWEASERVCOM

192543

5723 Extreme Values Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY EXTREME AMOUNTS



12958 — STATION
NEW ORLEANS, LOUISIANA — STATION NAME
1958-1977 — YEARS

## JANUARY
MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.57 | 14 | 1967 | | | |
| 2 | 1.10 | 28 | 1977 | | | |
| 3 | 1.57 | 40 | 1966 | | | |
| 4 | 2.19 | 56 | 1971 | | | |
| 5 | 1.25 | 32 | 1966 | | | |
| 6 | 2.40 | 61 | 1964 | | | |
| 7 | 1.16 | 29 | 1975 | | | |
| 8 | 1.36 | 35 | 1961 | | | |
| 9 | 0.75 | 19 | 1962 | | | |
| 10 | 1.05 | 27 | 1975 | T | T | 1962 |
| 11 | 1.99 | 51 | 1970 | T | T | 1973* |
| 12 | 1.31 | 33 | 1958 | T | T | 1973 |
| 13 | 1.11 | 28 | 1967 | | | |
| 14 | 1.28 | 33 | 1977 | | | |
| 15 | 0.41 | 10 | 1959 | | | |
| 16 | 0.51 | 13 | 1964 | | | |
| 17 | 0.52 | 13 | 1960 | | | |
| 18 | 1.69 | 43 | 1969 | | | |
| 19 | 0.91 | 23 | 1963 | | | |
| 20 | 2.70 | 69 | 1958 | | | |
| 21 | 0.61 | 15 | 1966 | | | |
| 22 | 5.10 | 130 | 1965 | | | |
| 23 | 1.67 | 42 | 1965 | | | |
| 24 | 0.52 | 13 | 1966 | | | |
| 25 | 6.08 | 154 | 1974 | | | |
| 26 | 0.70 | 18 | 1962 | | | |
| 27 | 0.43 | 11 | 1960 | | | |
| 28 | 1.49 | 38 | 1966 | | | |
| 29 | 0.41 | 10 | 1960 | | | |
| 30 | 1.87 | 47 | 1959 | | | |
| 31 | 0.81 | 21 | 1976 | | | |
| Monthly | 6.08 | 154 | 1974 | T | T | 1973* |

## FEBRUARY
MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.90 | 23 | 1972 | | | |
| 2 | 1.05 | 27 | 1959 | | | |
| 3 | 2.67 | 68 | 1960 | | | |
| 4 | 1.35 | 34 | 1959 | | | |
| 5 | 1.13 | 29 | 1967 | | | |
| 6 | 4.24 | 108 | 1967 | | | |
| 7 | 0.81 | 21 | 1974 | | | |
| 8 | 0.75 | 19 | 1973 | | | |
| 9 | 0.86 | 22 | 1973 | 0.5 | 13 | 1973 |
| 10 | 1.08 | 27 | 1966 | | | |
| 11 | 1.23 | 31 | 1963 | | | |
| 12 | 1.40 | 36 | 1971 | | | |
| 13 | 0.40 | 10 | 1973 | T | T | 1960 |
| 14 | 1.15 | 29 | 1969 | | | |
| 15 | 1.30 | 33 | 1972 | | | |
| 16 | 1.51 | 38 | 1965 | | | |
| 17 | 1.87 | 47 | 1965 | T | T | 1973 |
| 18 | 3.03 | 77 | 1963 | T | T | 1973 |
| 19 | 0.54 | 14 | 1962 | | | |
| 20 | 0.28 | 7 | 1962 | | | |
| 21 | 6.15 | 156 | 1961 | | | |
| 22 | 0.61 | 15 | 1969* | | | |
| 23 | 1.05 | 27 | 1959 | T | T | 1968 |
| 24 | 3.57 | 91 | 1959 | | | |
| 25 | 0.85 | 22 | 1959 | | | |
| 26 | 2.18 | 55 | 1966 | | | |
| 27 | 3.26 | 83 | 1966 | | | |
| 28 | 0.65 | 17 | 1968 | | | |
| 29 | 0.20 | 5 | 1972 | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| Monthly | 6.15 | 156 | 1961 | 0.5 | 13 | 1973 |

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY EXTREME AMOUNTS

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 1958-1977 YEARS

MARCH MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 1.29 | 33 | 1965 | | | |
| 2 | 1.25 | 32 | 1960 | | | |
| 3 | 2.11 | 54 | 1970 | | | |
| 4 | 1.52 | 39 | 1975 | | | |
| 5 | 2.43 | 62 | 1973 | | | |
| 6 | 1.96 | 50 | 1958 | | | |
| 7 | 0.81 | 21 | 1958 | | | |
| 8 | 1.51 | 38 | 1958 | | | |
| 9 | 0.06 | 2 | 1964 | | | |
| 10 | 0.36 | 9 | 1971 | | | |
| 11 | 1.07 | 27 | 1970 | | | |
| 12 | 2.15 | 55 | 1977 | | | |
| 13 | 1.07 | 27 | 1966 | | | |
| 14 | 0.68 | 17 | 1962 | | | |
| 15 | 1.71 | 43 | 1969 | | | |
| 16 | 1.71 | 43 | 1969 | | | |
| 17 | 3.51 | 89 | 1961 | | | |
| 18 | 1.13 | 29 | 1975 | | | |
| 19 | 2.74 | 70 | 1964 | | | |
| 20 | 0.31 | 8 | 1973 | | | |
| 21 | 1.26 | 32 | 1970 | | | |
| 22 | 0.69 | 18 | 1968 | | | |
| 23 | 1.38 | 35 | 1958 | | | |
| 24 | 3.25 | 83 | 1973 | | | |
| 25 | 1.33 | 34 | 1976 | | | |
| 26 | 4.11 | 104 | 1974 | | | |
| 27 | 2.78 | 71 | 1960 | | | |
| 28 | 0.96 | 24 | 1973 | | | |
| 29 | 1.38 | 35 | 1971 | | | |
| 30 | 0.88 | 22 | 1975 | | | |
| 31 | 0.43 | 11 | 1977 | | | |
| Monthly | 4.11 | 104 | 1974 | | | |

APRIL MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 2.11 | 54 | 1960 | | | |
| 2 | 2.48 | 63 | 1960 | | | |
| 3 | 0.84 | 21 | 1960 | | | |
| 4 | 0.69 | 18 | 1968 | | | |
| 5 | 2.74 | 70 | 1968 | | | |
| 6 | 2.86 | 73 | 1964 | | | |
| 7 | 1.42 | 36 | 1973 | | | |
| 8 | 0.20 | 5 | 1974 | | | |
| 9 | 1.25 | 32 | 1959 | | | |
| 10 | 1.05 | 27 | 1969 | | | |
| 11 | 2.20 | 56 | 1961 | | | |
| 12 | 0.45 | 11 | 1962 | | | |
| 13 | 1.00 | 25 | 1966 | | | |
| 14 | 3.68 | 93 | 1967 | | | |
| 15 | 2.42 | 61 | 1974 | | | |
| 16 | 5.04 | 128 | 1973 | | | |
| 17 | 6.73 | 171 | 1973 | | | |
| 18 | 0.97 | 25 | 1966 | | | |
| 19 | 2.38 | 60 | 1965 | | | |
| 20 | 0.63 | 16 | 1977 | | | |
| 21 | 1.63 | 41 | 1966 | | | |
| 22 | 0.16 | 4 | 1974 | | | |
| 23 | 0.23 | 6 | 1962 | | | |
| 24 | 0.42 | 11 | 1976 | | | |
| 25 | 1.84 | 47 | 1964 | | | |
| 26 | 1.44 | 37 | 1964 | | | |
| 27 | 0.52 | 13 | 1964 | | | |
| 28 | 0.74 | 19 | 1972 | | | |
| 29 | 1.42 | 36 | 1968 | | | |
| 30 | 1.83 | 46 | 1975 | | | |
| 31 | | | | | | |
| Monthly | 6.73 | 171 | 1973 | | | |

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY EXTREME AMOUNTS

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 1958-1977 YEARS

MAY MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.35 | 9 | 1964 | | | |
| 2 | 1.24 | 31 | 1977 | | | |
| 3 | 1.63 | 41 | 1970 | | | |
| 4 | 1.03 | 26 | 1967 | | | |
| 5 | 0.54 | 14 | 1974* | | | |
| 6 | 0.88 | 22 | 1966 | | | |
| 7 | 1.70 | 43 | 1976 | | | |
| 8 | 2.17 | 55 | 1975 | | | |
| 9 | 0.05 | 1 | 1977 | | | |
| 10 | 1.69 | 43 | 1976 | | | |
| 11 | 4.13 | 105 | 1974 | | | |
| 12 | 3.07 | 78 | 1972 | | | |
| 13 | 1.09 | 28 | 1976 | | | |
| 14 | 0.45 | 11 | 1976 | | | |
| 15 | 0.80 | 20 | 1966 | | | |
| 16 | 3.27 | 83 | 1970 | | | |
| 17 | 0.78 | 20 | 1968 | | | |
| 18 | 1.86 | 47 | 1958 | | | |
| 19 | 3.35 | 85 | 1966 | | | |
| 20 | 1.61 | 41 | 1963 | | | |
| 21 | 1.96 | 50 | 1974 | | | |
| 22 | 1.11 | 28 | 1976 | | | |
| 23 | 0.51 | 13 | 1965 | | | |
| 24 | 3.61 | 92 | 1968 | | | |
| 25 | 0.96 | 24 | 1961 | | | |
| 26 | 0.69 | 18 | 1959 | | | |
| 27 | 0.77 | 20 | 1958 | | | |
| 28 | 0.76 | 19 | 1966 | | | |
| 29 | 3.37 | 86 | 1975 | | | |
| 30 | 0.96 | 24 | 1975 | | | |
| 31 | 3.89 | 99 | 1959 | | | |
| Monthly | 4.13 | 105 | 1974 | | | |

JUNE MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 1.54 | 39 | 1970 | | | |
| 2 | 0.60 | 15 | 1970 | | | |
| 3 | 0.72 | 18 | 1961 | | | |
| 4 | 0.38 | 10 | 1976 | | | |
| 5 | 0.38 | 10 | 1973 | | | |
| 6 | 0.34 | 9 | 1959 | | | |
| 7 | 1.42 | 36 | 1959 | | | |
| 8 | 2.54 | 65 | 1959 | | | |
| 9 | 1.29 | 33 | 1967 | | | |
| 10 | 0.31 | 8 | 1975 | | | |
| 11 | 0.94 | 24 | 1962 | | | |
| 12 | 0.40 | 10 | 1977 | | | |
| 13 | 1.06 | 27 | 1959 | | | |
| 14 | 1.34 | 34 | 1958 | | | |
| 15 | 1.36 | 35 | 1965 | | | |
| 16 | 0.33 | 8 | 1973 | | | |
| 17 | 1.86 | 47 | 1963 | | | |
| 18 | 4.65 | 118 | 1962 | | | |
| 19 | 3.35 | 85 | 1961 | | | |
| 20 | 2.06 | 52 | 1961 | | | |
| 21 | 1.05 | 27 | 1963 | | | |
| 22 | 2.10 | 53 | 1959 | | | |
| 23 | 0.83 | 21 | 1974 | | | |
| 24 | 2.06 | 52 | 1976 | | | |
| 25 | 1.23 | 31 | 1964 | | | |
| 26 | 1.54 | 39 | 1961 | | | |
| 27 | 1.35 | 34 | 1965 | | | |
| 28 | 1.22 | 31 | 1975 | | | |
| 29 | 1.46 | 37 | 1973 | | | |
| 30 | 2.00 | 51 | 1971 | | | |
| 31 | | | | | | |
| Monthly | 4.65 | 118 | 1962 | | | |

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY EXTREME AMOUNTS

12958 (STATION) — NEW ORLEANS, LOUISIANA (STATION NAME) — 1958-1977 (YEARS)

JULY (MONTH)

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.39 | 10 | 1964 | | | |
| 2 | 2.54 | 65 | 1964 | | | |
| 3 | 1.50 | 38 | 1964 | | | |
| 4 | 0.43 | 11 | 1970 | | | |
| 5 | 1.32 | 34 | 1974 | | | |
| 6 | 3.66 | 93 | 1958 | | | |
| 7 | 1.32 | 34 | 1958 | | | |
| 8 | 0.71 | 18 | 1975 | | | |
| 9 | 1.72 | 44 | 1959 | | | |
| 10 | 1.37 | 35 | 1977 | | | |
| 11 | 1.05 | 27 | 1975 | | | |
| 12 | 1.75 | 44 | 1960 | | | |
| 13 | 1.47 | 37 | 1963 | | | |
| 14 | 1.02 | 26 | 1975 | | | |
| 15 | 1.69 | 43 | 1966 | | | |
| 16 | 2.04 | 52 | 1960 | | | |
| 17 | 1.23 | 31 | 1969 | | | |
| 18 | 2.53 | 64 | 1966 | | | |
| 19 | 0.75 | 19 | 1968 | | | |
| 20 | 1.84 | 47 | 1959 | | | |
| 21 | 1.01 | 26 | 1970 | | | |
| 22 | 1.15 | 29 | 1975 | | | |
| 23 | 0.89 | 23 | 1969 | | | |
| 24 | 2.25 | 57 | 1974 | | | |
| 25 | 0.65 | 17 | 1959 | | | |
| 26 | 1.56 | 40 | 1977 | | | |
| 27 | 2.85 | 72 | 1958 | | | |
| 28 | 1.07 | 27 | 1965 | | | |
| 29 | 0.65 | 17 | 1971 | | | |
| 30 | 0.67 | 17 | 1973 | | | |
| 31 | 1.74 | 44 | 1971 | | | |
| Monthly | 3.66 | 93 | 1958 | | | |

AUGUST (MONTH)

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 1.96 | 50 | 1960 | | | |
| 2 | 0.81 | 21 | 1973 | | | |
| 3 | 2.06 | 52 | 1959 | | | |
| 4 | 2.41 | 61 | 1975 | | | |
| 5 | 0.74 | 19 | 1975 | | | |
| 6 | 0.77 | 20 | 1974 | | | |
| 7 | 1.26 | 32 | 1964 | | | |
| 8 | 1.05 | 27 | 1973 | | | |
| 9 | 2.17 | 55 | 1959 | | | |
| 10 | 1.25 | 32 | 1958 | | | |
| 11 | 1.36 | 35 | 1977 | | | |
| 12 | 1.15 | 29 | 1972 | | | |
| 13 | 1.57 | 40 | 1975 | | | |
| 14 | 1.18 | 30 | 1964 | | | |
| 15 | 0.85 | 22 | 1967 | | | |
| 16 | 1.09 | 28 | 1967 | | | |
| 17 | 2.22 | 56 | 1969 | | | |
| 18 | 0.84 | 21 | 1966 | | | |
| 19 | 1.86 | 47 | 1968 | | | |
| 20 | 1.03 | 26 | 1961 | | | |
| 21 | 0.59 | 15 | 1977 | | | |
| 22 | 1.82 | 46 | 1977 | | | |
| 23 | 0.69 | 18 | 1960 | | | |
| 24 | 2.14 | 54 | 1977 | | | |
| 25 | 1.49 | 38 | 1962 | | | |
| 26 | 0.60 | 15 | 1970 | | | |
| 27 | 0.74 | 19 | 1976 | | | |
| 28 | 1.13 | 29 | 1966 | | | |
| 29 | 0.78 | 20 | 1977 | | | |
| 30 | 1.22 | 31 | 1971 | | | |
| 31 | 1.06 | 27 | 1973 | | | |
| Monthly | 2.41 | 61 | 1975 | | | |

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY EXTREME AMOUNTS

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 1958-1977 (YEARS)

SEPTEMBER (MONTH)

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 2.29 | 58 | 1970 | | | |
| 2 | 1.26 | 32 | 1974 | | | |
| 3 | 1.06 | 27 | 1975 | | | |
| 4 | 1.93 | 49 | 1971 | | | |
| 5 | 3.34 | 85 | 1977 | | | |
| 6 | 2.18 | 55 | 1967 | | | |
| 7 | 3.72 | 94 | 1974 | | | |
| 8 | 0.75 | 19 | 1971 | | | |
| 9 | 8.13 | 207 | 1965 | | | |
| 10 | 4.08 | 104 | 1965 | | | |
| 11 | 2.47 | 63 | 1975 | | | |
| 12 | 1.19 | 30 | 1977 | | | |
| 13 | 2.09 | 53 | 1973 | | | |
| 14 | 0.81 | 21 | 1958 | | | |
| 15 | 3.10 | 79 | 1977 | | | |
| 16 | 2.15 | 55 | 1971 | | | |
| 17 | 2.04 | 52 | 1964 | | | |
| 18 | 1.37 | 35 | 1963 | | | |
| 19 | 0.56 | 14 | 1958 | | | |
| 20 | 0.10 | 3 | 1958 | | | |
| 21 | 0.86 | 22 | 1976 | | | |
| 22 | 0.69 | 18 | 1958 | | | |
| 23 | 2.17 | 55 | 1970 | | | |
| 24 | 0.36 | 9 | 1976 | | | |
| 25 | 0.37 | 9 | 1970 | | | |
| 26 | 1.16 | 29 | 1973 | | | |
| 27 | 1.43 | 36 | 1973 | | | |
| 28 | 0.24 | 6 | 1976* | | | |
| 29 | 1.52 | 39 | 1964 | | | |
| 30 | 1.29 | 33 | 1965 | | | |
| 31 | | | | | | |
| Monthly | 8.13 | 207 | 1965 | | | |

OCTOBER (MONTH)

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 2.33 | 59 | 1962 | | | |
| 2 | 1.18 | 30 | 1961 | | | |
| 3 | 1.70 | 43 | 1964 | | | |
| 4 | 0.39 | 10 | 1964 | | | |
| 5 | 0.91 | 23 | 1960 | | | |
| 6 | 1.14 | 29 | 1960 | | | |
| 7 | 0.85 | 22 | 1960 | | | |
| 8 | 1.04 | 26 | 1967 | | | |
| 9 | 1.43 | 36 | 1977 | | | |
| 10 | 1.71 | 43 | 1966 | | | |
| 11 | 4.30 | 109 | 1959 | | | |
| 12 | 2.01 | 51 | 1970 | | | |
| 13 | 1.43 | 36 | 1970 | | | |
| 14 | 1.63 | 41 | 1959 | | | |
| 15 | 0.03 | 1 | 1975 | | | |
| 16 | 2.13 | 54 | 1975 | | | |
| 17 | 0.50 | 13 | 1971 | | | |
| 18 | 0.60 | 15 | 1966 | | | |
| 19 | 0.87 | 22 | 1960 | | | |
| 20 | 0.29 | 7 | 1959 | | | |
| 21 | 0.04 | 1 | 1959 | | | |
| 22 | 0.88 | 22 | 1972 | | | |
| 23 | 0.13 | 3 | 1970 | | | |
| 24 | 0.70 | 18 | 1977 | | | |
| 25 | 0.47 | 12 | 1976 | | | |
| 26 | 1.73 | 44 | 1972 | | | |
| 27 | 0.66 | 17 | 1970 | | | |
| 28 | 2.09 | 53 | 1964 | | | |
| 29 | 1.88 | 48 | 1976 | | | |
| 30 | 4.28 | 109 | 1967 | | | |
| 31 | 1.49 | 38 | 1959 | | | |
| Monthly | 4.30 | 109 | 1959 | | | |

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY EXTREME AMOUNTS

12958 (STATION) — NEW ORLEANS, LOUISIANA (STATION NAME) — 1958-1977 (YEARS)

## NOVEMBER (MONTH)

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.18 | 5 | 1966* | | | |
| 2 | 1.17 | 30 | 1977 | | | |
| 3 | 1.20 | 30 | 1961 | | | |
| 4 | 0.47 | 12 | 1958 | | | |
| 5 | 2.16 | 55 | 1965 | | | |
| 6 | 1.44 | 37 | 1974 | | | |
| 7 | 0.05 | 1 | 1964 | | | |
| 8 | 0.37 | 9 | 1968 | | | |
| 9 | 2.91 | 74 | 1963 | | | |
| 10 | 2.41 | 61 | 1963 | | | |
| 11 | 1.08 | 27 | 1974 | | | |
| 12 | 0.14 | 4 | 1965 | | | |
| 13 | 2.28 | 58 | 1961 | | | |
| 14 | 0.89 | 23 | 1976 | | | |
| 15 | 0.47 | 12 | 1961 | | | |
| 16 | 0.62 | 16 | 1961 | | | |
| 17 | 1.34 | 34 | 1974 | | | |
| 18 | 1.98 | 50 | 1972 | | | |
| 19 | 1.87 | 47 | 1976 | | | |
| 20 | 1.25 | 32 | 1962 | | | |
| 21 | 1.14 | 29 | 1962 | | | |
| 22 | 1.21 | 31 | 1961 | T | T | 1975 |
| 23 | 0.72 | 18 | 1971 | | | |
| 24 | 0.65 | 17 | 1974 | | | |
| 25 | 0.72 | 18 | 1972 | | | |
| 26 | 0.61 | 15 | 1975 | | | |
| 27 | 0.59 | 15 | 1973 | | | |
| 28 | 2.09 | 53 | 1963 | | | |
| 29 | 1.15 | 29 | 1977 | | | |
| 30 | 1.69 | 43 | 1974 | | | |
| 31 | | | | | | |
| Monthly | 2.91 | 74 | 1963 | T | T | 1975 |

## DECEMBER (MONTH)

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---|---|---|---|---|---|---|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 1.08 | 27 | 1971 | | | |
| 2 | 1.25 | 32 | 1971 | | | |
| 3 | 1.63 | 41 | 1968 | | | |
| 4 | 0.67 | 17 | 1972 | | | |
| 5 | 1.27 | 32 | 1972 | | | |
| 6 | 1.40 | 36 | 1976 | | | |
| 7 | 0.77 | 20 | 1975 | | | |
| 8 | 0.17 | 4 | 1961 | | | |
| 9 | 4.26 | 108 | 1967 | | | |
| 10 | 1.24 | 31 | 1960 | | | |
| 11 | 1.46 | 37 | 1964 | | | |
| 12 | 2.93 | 74 | 1961 | | | |
| 13 | 1.42 | 36 | 1963 | | | |
| 14 | 1.60 | 41 | 1965 | | | |
| 15 | 1.33 | 34 | 1970 | | | |
| 16 | 0.56 | 14 | 1965 | | | |
| 17 | 0.91 | 23 | 1961 | | | |
| 18 | 1.57 | 40 | 1965 | | | |
| 19 | 1.07 | 27 | 1965 | | | |
| 20 | 1.30 | 33 | 1974 | T | T | 1973 |
| 21 | 1.49 | 38 | 1972 | | | |
| 22 | 0.19 | 5 | 1967 | | | |
| 23 | 0.55 | 14 | 1958 | T | T | 1963 |
| 24 | 0.39 | 10 | 1964 | | | |
| 25 | 3.22 | 82 | 1976 | | | |
| 26 | 0.98 | 25 | 1973 | | | |
| 27 | 1.32 | 34 | 1967 | | | |
| 28 | 0.46 | 12 | 1962 | | | |
| 29 | 3.16 | 80 | 1977 | | | |
| 30 | 2.22 | 56 | 1968 | | | |
| 31 | 3.64 | 92 | 1973 | 5.5 | 140 | 1963 |
| Monthly | 4.26 | 108 | 1967 | 5.5 | 140 | 1963 |

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NWSD, Federal Building

Asheville, N. C.

# PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

# EXTREME VALUES

## SURFACE WINDS
(FROM DAILY OBSERVATIONS)

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 58-77 YEARS

### DAILY PEAK GUSTS IN KNOTS

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | E 32 | WNW 28 | W 32 | S 24 | NW 31 | SW 20 | NW 29 | NNW 36 | ESE 26 | ENE 20 | N 29 | N 24 | NNW 36 |
| 59 | SSW 40 | N 28 | N 40 | NNW 32 | SW 44 | SSE 31 | S 24 | SE 32 | NE 38 | SW 30 | N 30 | N 24 | SW 44 |
| 60 | N 30 | SW 41 | NNE 27 | ENE 42 | N 29 | ESE 26 | SE 46 | WNW 26 | S 27 | NNW 23 | SSE 25 | S 36 | SE 46 |
| 61 | N 33 | W 31 | S 44 | WNW 31 | W 32 | | | WNW 36 | ESE 35 | NNW 24 | WSW 31 | S 36 | |
| 62 | N 32 | SSW 32 | WNW 35 | SSE 24 | N 28 | N 33 | NNE 35 | S 30 | SSW 24 | W 29 | NNW 24 | N 26 | WNW 35 |
| 63 | N 39 | NW 38 | SSW 36 | S 27 | NNE 20 | SSW 32 | W 29 | ESE 41 | NE 32 | N 24 | NNW 33 | NW 27 | ESE 41 |
| 64 | NNW 28 | WSW 38 | E 42 | S 34 | S 31 | SSE 24 | E 33 | S 38 | S 30 | S 52 | S 28 | SSW 35 | S 52 |
| 65 | SE 32 | SW 35 | WSW 34 | SE 31 | E 28 | N 32 | NW 40 | NNE 41 | NE 89 | ESE 22 | SW 26 | N 22 | NE 89 |
| 66 | WSW 38 | SSW 38 | S 31 | NW 31 | E 30 | NW 22 | NE 26 | | E 27 | NNW 25 | NW 29 | N 30 | |
| 67 | SSW 27 | NNW 29 | SSW 30 | SE 27 | S 32 | N 26 | N 29 | ENE 25 | SSE 24 | WNW 29 | W 28 | SW 37 | SW 37 |
| 68 | NW 30 | S 37 | SE 32 | SSE 27 | SE 35 | SE 25 | WNW 31 | NE 27 | SSW 27 | NNE 22 | NNW 39 | WSW 31 | NNW 39 |
| 69 | S 28 | N 38 | SE 43 | WNW 31 | E 29 | SW 20 | S 33 | NW 53 | ESE 27 | E 25 | NW 41 | SW 45 | NW 53 |
| 70 | ESE 26 | WSW 47 | SE 29 | SSW 35 | E 26 | S 28 | NE 37 | NNW 28 | SE 29 | S 36 | SW 38 | SSW 33 | WSW 47 |
| 71 | SSE 31 | 32 36 | 27 40 | 36 31 | 18 29 | 09 36 | 23 35 | 18 32 | 23 47 | 36 21 | 36 27 | 36 30 | 23 47 |
| 72 | 32 34 | 16 35 | 18 32 | 17 27 | 21 33 | 09 30 | 13 45 | 02 32 | 35 26 | 17 38 | 31 25 | | |
| 73 | 20 35 | 22 30 | 21 45 | | 33 36 | 07 41 | 01 29 | 06 27 | 20 34 | | | | |
| 74 | | 17 35 | 21 28 | 17 33 | 12 41 | 19 31 | 11 28 | 12 30 | 01 39 | | 26 32 | 29 29 | |
| 75 | 24 43 | 18 28 | 19 32 | 27 40 | 20 33 | 31 27 | 18 27 | 05 52 | 01 40 | 18 25 | | 25 27 | |
| 76 | 34 32 | 18 36 | 34 33 | 14 27 | 02 31 | 16 43 | 29 30 | 30 31 | 08 24 | 18 37 | 34 26 | 33 30 | 16 43 |
| 77 | 34 37 | 18 41 | 15 44 | 18 36 | 35 28 | 15 27 | 16 36 | 12 29 | 19 34 | 33 23 | 17 26 | 02 27 | 15 44 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| MEAN | 33.0 | 35.1 | 35.5 | 31.1 | 31.3 | 29.2 | 32.7 | 34.0 | 34.0 | 28.1 | 29.8 | 30.5 | 46.6 |
| S. D. | 4.667 | 5.083 | 5.862 | 4.916 | 5.151 | 6.283 | 6.063 | 8.042 | 14.402 | 8.120 | 5.044 | 5.721 | 13.368 |
| TOTAL OBS. | 587 | 564 | 616 | 570 | 620 | 570 | 586 | 584 | 599 | 558 | 539 | 557 | 6950 |

NAVWEASERVCOM

5723 Extreme Values Jan 1969

# EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

12998 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 58-77 YEARS

## DAILY PEAK GUSTS IN KNOTS
## /BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

| MONTH / YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | | | | | | ESE 24<br>16 | WNW 29<br>27 | | | | | | WINDS<br>DAYS |
| 66 | | | | | | | | NE 20<br>10 | | | | | WINDS<br>DAYS |
| 72 | | | | | | | | | | | | 34 31<br>24 | WINDS<br>DAYS |
| 73 | | | | 14 32<br>19 | | | | | | 0 | 18 28<br>16 | 14 28<br>15 | WINDS<br>DAYS |
| 74 | 27 25<br>21 | | | | | | | | | 33 23<br>24 | | | WINDS<br>DAYS |
| 75 | | | | | | | | | | | 18 41<br>25 | | WINDS<br>DAYS |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NAVWEASERVCOM

5723 Extreme Values Jan 1969

196131

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | JAN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 2.6 | 3.2 | 1.3 | .6 | | | | | | | 10.3 | 6.9 |
| NNE | 1.3 | 3.9 | 2.6 | .6 | | | | | | | | 8.4 | 6.2 |
| NE | | 1.3 | 5.2 | | | | | | | | | 6.5 | 7.9 |
| ENE | .6 | 1.3 | .6 | .6 | | | | | | | | 3.2 | 6.4 |
| E | .6 | 3.9 | | | | | | | | | | 4.5 | 5.0 |
| ESE | 1.3 | 5.2 | 1.3 | | | | | | | | | 7.7 | 5.1 |
| SE | 1.3 | 2.6 | 1.9 | | | | | | | | | 5.8 | 5.7 |
| SSE | 2.6 | 1.9 | 1.9 | .6 | | | | | | | | 7.1 | 5.3 |
| S | | 1.3 | 1.9 | | | | | | | | | 3.2 | 6.8 |
| SSW | .6 | 1.3 | .6 | 1.3 | | | | | | | | 3.9 | 7.7 |
| SW | .6 | 1.9 | | | | | | | | | | 2.6 | 4.5 |
| WSW | .6 | .6 | | | | | | | | | | 1.3 | 3.5 |
| W | .6 | .6 | | .6 | | | | | | | | 1.9 | 7.7 |
| WNW | .6 | | | .6 | | | | | | | | 1.3 | 6.5 |
| NW | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| NNW | | | 1.9 | 1.3 | 1.9 | | | | | | | 5.2 | 14.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.8 | |
| | 14.8 | 28.4 | 21.3 | 7.1 | 2.6 | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 03 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 3.2 | 2.6 | 2.6 | | | | | | | | 9.7 | 7.8 |
| NNE | .6 | 3.9 | 2.6 | 1.3 | | | | | | | | 8.4 | 7.3 |
| NE | 1.9 | 1.3 | 2.6 | .6 | | | | | | | | 6.5 | 6.5 |
| ENE | .6 | 1.3 | 2.6 | .6 | | | | | | | | 5.2 | 7.3 |
| E | | .6 | .6 | | | | | | | | | 1.3 | 7.0 |
| ESE | 2.6 | 3.2 | 1.3 | | | | | | | | | 7.1 | 4.0 |
| SE | 1.9 | 3.2 | 1.3 | .6 | | | | | | | | 7.1 | 5.2 |
| SSE | 1.9 | 1.3 | .6 | | | | | | | | | 3.9 | 3.8 |
| S | 1.3 | 2.6 | 1.3 | .6 | | | | | | | | 5.8 | 5.6 |
| SSW | | 1.3 | | | | | | | | | | 1.3 | 5.5 |
| SW | .6 | | 2.6 | 1.3 | | | | | | | | 4.5 | 9.0 |
| WSW | .6 | 1.3 | .6 | | | | | | | | | 2.6 | 5.0 |
| W | | 1.3 | | .6 | | | | | | | | 1.9 | 6.3 |
| WNW | 1.3 | .6 | | | .6 | | | | | | | 2.6 | 6.5 |
| NW | .6 | .6 | .6 | | | | | | | | | 1.9 | 6.0 |
| NNW | .6 | | 2.6 | 1.3 | | | | | | | | 4.5 | 9.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.8 | |
| | 16.1 | 25.8 | 21.9 | 9.7 | .6 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 06 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.9 | 7.1 | 1.3 | 1.3 | | | | | | | 12.9 | 9.2 |
| NNE | 1.3 | 4.5 | 1.3 | | | | | | | | | 7.1 | 5.3 |
| NE | 1.9 | 1.9 | 3.9 | | | | | | | | | 7.7 | 6.3 |
| ENE | | 3.2 | 1.9 | | | | | | | | | 5.2 | 5.9 |
| E | 2.6 | | 2.6 | | | | | | | | | 5.2 | 4.8 |
| ESE | 1.9 | 1.9 | .6 | | | | | | | | | 4.5 | 4.1 |
| SE | 1.9 | 2.6 | 1.9 | | | | | | | | | 6.5 | 5.2 |
| SSE | .6 | 3.9 | .6 | .6 | | | | | | | | 5.8 | 6.3 |
| S | .6 | 1.9 | 2.6 | .6 | .6 | | | | | | | 6.5 | 7.7 |
| SSW | | | .6 | | | | | | | | | .6 | 7.0 |
| SW | .6 | 1.3 | | | | | | | | | | 1.9 | 3.7 |
| WSW | | | .6 | .6 | | | | | | | | 1.3 | 9.0 |
| W | | .6 | .6 | | | | | | | | | 1.3 | 6.0 |
| WNW | .6 | 1.3 | .6 | | | | | | | | | 2.6 | 6.0 |
| NW | .6 | .6 | .6 | .6 | | | | | | | | 2.6 | 7.3 |
| NNW | .6 | .6 | 2.6 | 1.3 | | | | | | | | 5.2 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.2 | |
| | 14.8 | 26.5 | 28.4 | 5.2 | 1.9 | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 09 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 2.6 | 3.9 | 5.8 | | | | | | | | 12.3 | 9.9 |
| NNE | | 3.9 | 3.2 | 1.3 | | | | | | | | 8.4 | 8.2 |
| NE | | 1.9 | 6.5 | 1.3 | | | | | | | | 9.7 | 8.4 |
| ENE | 1.9 | 1.3 | 3.2 | | | | | | | | | 6.5 | 6.2 |
| E | 1.9 | 3.2 | 4.5 | | | | | | | | | 9.7 | 5.7 |
| ESE | 1.9 | .6 | 1.9 | | | | | | | | | 4.5 | 5.7 |
| SE | 1.9 | 3.9 | 3.2 | 1.3 | | | | | | | | 10.3 | 6.5 |
| SSE | | 2.6 | 1.3 | .6 | .6 | | | | | | | 5.2 | 7.8 |
| S | .6 | 1.9 | 1.3 | | | | | | | | | 3.9 | 6.0 |
| SSW | | 1.9 | 1.9 | .6 | .6 | | | | | | | 5.2 | 9.4 |
| SW | | | | | | | | | | | | | |
| WSW | | .6 | .6 | .6 | | | | | | | | 1.9 | 8.3 |
| W | | 1.3 | 1.3 | .6 | | | | | | | | 3.2 | 7.6 |
| WNW | | 1.3 | .6 | .6 | | | | | | | | 2.6 | 8.3 |
| NW | | | 1.9 | .6 | | | | | | | | 2.6 | 9.8 |
| NNW | .6 | .6 | 2.6 | .6 | | | | | | | | 4.5 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.7 | |
| | 9.0 | 27.7 | 38.1 | 14.2 | 1.3 | | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 12 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.3 | 5.2 | 4.5 | | | | | | | | 12.3 | 9.3 |
| NNE | .6 | 1.3 | 4.5 | 1.3 | | | | | | | | 7.8 | 8.7 |
| NE | .6 | 1.3 | .6 | 1.9 | | | | | | | | 4.5 | 7.9 |
| ENE | .6 | 2.6 | 1.9 | .6 | | | | | | | | 5.8 | 6.7 |
| E | .6 | 3.9 | 3.9 | .6 | | | | | | | | 9.1 | 7.1 |
| ESE | .6 | 2.6 | 2.6 | .6 | | | | | | | | 6.5 | 6.7 |
| SE | .6 | 1.3 | .6 | .6 | | | | | | | | 3.2 | 6.2 |
| SSE | .6 | 3.9 | 3.2 | 3.2 | | | | | | | | 11.0 | 8.5 |
| S | | 3.2 | 2.6 | 4.5 | | | | | | | | 10.4 | 10.1 |
| SSW | | .6 | 3.2 | 1.3 | | | | | | | | 5.2 | 8.8 |
| SW | .6 | | | 1.3 | | | | | | | | 1.9 | 10.3 |
| WSW | | .6 | | .6 | | | | | | | | 1.3 | 10.5 |
| W | | .6 | 2.6 | .6 | | | | | | | | 3.9 | 9.0 |
| WNW | .6 | 1.3 | 1.3 | | | | | | | | | 3.2 | 6.0 |
| NW | .6 | 1.3 | 1.3 | 1.3 | | | | | | | | 4.5 | 8.1 |
| NNW | | 2.6 | 1.3 | 2.6 | .6 | | | | | | | 7.1 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 7.8 | 28.6 | 35.1 | 26.0 | .6 | | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 154

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS)

15 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.6 | 4.5 | 5.2 | | | | | | | | 13.5 | 9.1 |
| NNE | .6 | 1.3 | 1.9 | .6 | | | | | | | | 4.5 | 7.9 |
| NE | 1.3 | 1.9 | 5.2 | | | | | | | | | 8.4 | 6.6 |
| ENE | .6 | 1.9 | 2.6 | .6 | | | | | | | | 5.8 | 7.1 |
| E | | 2.6 | 4.5 | | | | | | | | | 7.1 | 6.9 |
| ESE | .6 | 1.9 | 1.9 | 1.3 | | | | | | | | 5.8 | 7.1 |
| SE | 1.3 | 1.3 | 1.9 | | | | | | | | | 4.5 | 6.1 |
| SSE | .6 | 2.6 | 3.2 | 2.6 | | | | | | | | 9.0 | 8.3 |
| S | 1.9 | 1.3 | 3.9 | 1.9 | | | | | | | | 9.0 | 8.0 |
| SSW | | 2.6 | 2.6 | | | | | | | | | 5.2 | 7.3 |
| SW | | 1.3 | 1.3 | | | | | | | | | 2.6 | 7.0 |
| WSW | .6 | 1.3 | 1.3 | 1.9 | | | | | | | | 5.2 | 8.0 |
| W | | 1.9 | 3.9 | | | | | | | | | 5.8 | 8.0 |
| WNW | .6 | .6 | 1.9 | | | | | | | | | 3.2 | 6.6 |
| NW | .6 | .6 | 1.9 | | | | | | | | | 3.2 | 6.2 |
| NNW | | .6 | 3.9 | 1.3 | 1.3 | | | | | | | 7.1 | 11.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 10.3 | 26.5 | 46.5 | 15.5 | 1.3 | | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 155

DiRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 18 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | 1.3 | 3.9 | .6 | .6 | | | | | | | 10.3 | 6.9 |
| NNE | .6 | 1.3 | 3.2 | | | | | | | | | 5.2 | 6.8 |
| NE | | 3.9 | 1.3 | .6 | | | | | | | | 5.8 | 7.0 |
| ENE | .6 | 1.9 | 1.9 | | | | | | | | | 4.3 | 5.9 |
| E | 4.5 | 1.9 | 2.6 | | | | | | | | | 9.0 | 4.6 |
| ESE | 1.3 | 6.5 | 1.3 | | | | | | | | | 9.0 | 5.0 |
| SE | | 5.2 | | | | | | | | | | 5.2 | 5.3 |
| SSE | 1.9 | 4.5 | 1.9 | 1.3 | | | | | | | | 9.7 | 5.6 |
| S | 1.3 | 3.2 | .6 | .6 | | | | | | | | 5.8 | 5.4 |
| SSW | 1.3 | 1.3 | 1.9 | | | | | | | | | 4.5 | 5.7 |
| SW | | 2.6 | | | | | | | | | | 2.6 | 5.0 |
| WSW | 1.3 | 1.9 | | | | | | | | | | 3.2 | 3.2 |
| W | .6 | .6 | | 1.9 | | | | | | | | 3.2 | 8.4 |
| WNW | .6 | 1.9 | | | | | | | | | | 2.6 | 3.8 |
| NW | | | 1.9 | | | | | | | | | 1.9 | 8.0 |
| NNW | .6 | 1.9 | .6 | 1.9 | | | | | | | | 5.2 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 18.7 | 40.0 | 21.3 | 7.1 | .6 | | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 21 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 3.9 | 2.6 | 1.9 | | | | | | | | 9.0 | 7.6 |
| NNE | .6 | 3.9 | .6 | .6 | | | | | | | | 5.8 | 6.2 |
| NE | 1.3 | 3.2 | .6 | .6 | | | | | | | | 5.8 | 5.7 |
| ENE | | 1.3 | 1.3 | | | | | | | | | 2.6 | 6.8 |
| E | | 4.5 | 1.3 | .6 | | | | | | | | 6.5 | 6.3 |
| ESE | .6 | 2.6 | 2.6 | | | | | | | | | 5.8 | 5.8 |
| SE | 3.2 | 3.9 | 1.9 | .6 | | | | | | | | 9.7 | 5.5 |
| SSE | 3.9 | 4.5 | 1.3 | 1.3 | | | | | | | | 11.0 | 5.2 |
| S | 1.3 | 3.2 | 1.3 | | | | | | | | | 5.8 | 5.7 |
| SSW | 1.3 | 1.9 | | .6 | | | | | | | | 3.9 | 5.5 |
| SW | | .6 | | | | | | | | | | .6 | 4.0 |
| WSW | 1.9 | 1.3 | .6 | | | | | | | | | 3.9 | 4.0 |
| W | | .6 | .6 | | | | | | | | | 1.3 | 5.5 |
| WNW | | 1.3 | | .6 | | | | | | | | 1.9 | 7.0 |
| NW | | | .6 | .6 | | | | | | | | 1.3 | 12.0 |
| NNW | | 1.9 | | 2.6 | .6 | | | | | | | 5.2 | 11.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.0 | |
| | 14.8 | 38.7 | 15.5 | 10.3 | .6 | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | JAN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.4 | 4.1 | 2.9 | .3 | | | | | | | 11.3 | 8.5 |
| NNE | .7 | 3.0 | 2.5 | .7 | | | | | | | | 6.9 | 7.1 |
| NE | .9 | 2.1 | 3.2 | .6 | | | | | | | | 6.9 | 7.1 |
| ENE | .6 | 1.9 | 2.0 | .3 | | | | | | | | 4.8 | 6.5 |
| E | 1.3 | 2.6 | 2.5 | .2 | | | | | | | | 6.5 | 5.9 |
| ESE | 1.4 | 3.1 | 1.7 | .2 | | | | | | | | 6.4 | 5.4 |
| SE | 1.5 | 3.0 | 1.6 | .4 | | | | | | | | 6.5 | 5.7 |
| SSE | 1.5 | 3.1 | 1.6 | 1.3 | .1 | | | | | | | 7.8 | 6.5 |
| S | .9 | 2.3 | 1.9 | 1.0 | .1 | | | | | | | 6.3 | 7.3 |
| SSW | .4 | 1.4 | 1.4 | .5 | .1 | | | | | | | 3.7 | 7.4 |
| SW | .3 | 1.0 | .5 | .3 | | | | | | | | 2.1 | 6.7 |
| WSW | .6 | 1.0 | .5 | .5 | | | | | | | | 2.6 | 6.1 |
| W | .2 | 1.0 | 1.1 | .6 | | | | | | | | 2.8 | 7.7 |
| WNW | .6 | 1.0 | .6 | .2 | .1 | | | | | | | 2.5 | 6.3 |
| NW | .5 | .4 | 1.1 | .4 | | | | | | | | 2.4 | 7.6 |
| NNW | .3 | 1.0 | 1.9 | 1.6 | .6 | | | | | | | 5.5 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.9 | |
| | 13.3 | 30.3 | 28.5 | 11.9 | 1.2 | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 1239

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 00 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.5 | 1.4 | 4.3 | .7 | | | | | | | | 9.9 | 6.1 |
| NNE | .7 | 2.1 | 2.1 | .7 | | | | | | | | 5.7 | 6.9 |
| NE | | 1.4 | | | | | | | | | | 1.4 | 5.0 |
| ENE | .7 | .7 | | | | | | | | | | 1.4 | 4.5 |
| E | .7 | .7 | 1.4 | | | | | | | | | 2.8 | 6.0 |
| ESE | .7 | 2.1 | 2.1 | .7 | | | | | | | | 5.7 | 6.9 |
| SE | 1.4 | 1.4 | 2.1 | 1.4 | | | | | | | | 6.4 | 7.0 |
| SSE | .7 | .7 | 1.4 | | | | | | | | | 2.8 | 6.3 |
| S | 2.8 | 3.5 | 2.1 | 1.4 | | | | | | | | 9.9 | 5.6 |
| SSW | 2.1 | 1.4 | .7 | 1.4 | | | | | | | | 5.7 | 6.0 |
| SW | .7 | 2.8 | | | | | | | | | | 3.5 | 4.0 |
| WSW | | 1.4 | .7 | | | | | | | | | 2.1 | 5.3 |
| W | 1.4 | 2.1 | .7 | .7 | | | | | | | | 5.0 | 5.3 |
| WNW | | .7 | .7 | .7 | | | | | | | | 2.1 | 8.7 |
| NW | | | | 2.1 | | | | | | | | 2.1 | 12.0 |
| NNW | .7 | 1.4 | | 1.4 | | | | | | | | 3.5 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.8 | |
| | 16.3 | 24.1 | 18.4 | 11.3 | | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 03 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.8 | 2.1 | 3.5 | | | | | | | | | 8.5 | 5.8 |
| NNE | 1.4 | 4.3 | 2.1 | | | | | | | | | 7.8 | 5.3 |
| NE | .7 | 2.8 | | | | | | | | | | 3.5 | 4.8 |
| ENE | .7 | | .7 | .7 | | | | | | | | 2.1 | 8.7 |
| E | .7 | 1.4 | 1.4 | | | | | | | | | 3.5 | 6.4 |
| ESE | | 1.4 | .7 | .7 | | | | | | | | 2.8 | 7.5 |
| SE | .7 | 2.1 | | 1.4 | .7 | | | | | | | 5.0 | 8.6 |
| SSE | .7 | 1.4 | 1.4 | | | | | | | | | 3.5 | 5.6 |
| S | 1.4 | 5.7 | 1.4 | .7 | | | | | | | | 9.2 | 5.6 |
| SSW | 1.4 | .7 | 1.4 | | .7 | | | | | | | 4.3 | 7.8 |
| SW | | .7 | .7 | | | | | | | | | 1.4 | 7.5 |
| WSW | | .7 | | | | | | | | | | .7 | 5.0 |
| W | 1.4 | 1.4 | 1.4 | .7 | | | | | | | | 5.0 | 5.4 |
| WNW | .7 | .7 | .7 | .7 | | | | | | | | 2.8 | 7.3 |
| NW | | 1.4 | 1.4 | 1.4 | | | | | | | | 4.3 | 9.3 |
| NNW | | .7 | | | | | | | | | | .7 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.8 | |
| | 12.8 | 27.7 | 17.0 | 6.4 | 1.4 | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 06 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 5.0 | 2.8 | | | | | | | | | 8.5 | 6.0 |
| NNE | 1.4 | 2.1 | 2.8 | .7 | | | | | | | | 7.1 | 6.8 |
| NE | 2.1 | 1.4 | | | | | | | | | | 3.5 | 2.8 |
| ENE | .7 | 2.1 | 2.1 | | | | | | | | | 5.0 | 5.7 |
| E | .7 | 1.4 | 1.4 | .7 | | | | | | | | 4.3 | 6.3 |
| ESE | 2.1 | 2.8 | .7 | .7 | | | | | | | | 6.4 | 4.7 |
| SE | | .7 | 1.4 | | | | | | | | | 2.1 | 8.7 |
| SSE | | 1.4 | .7 | 1.4 | | | | | | | | 3.5 | 8.0 |
| S | 2.1 | 2.1 | 2.1 | .7 | | | | | | | | 7.1 | 6.1 |
| SSW | .7 | .7 | .7 | | | .7 | | | | | | 2.8 | 9.8 |
| SW | | .7 | | | | | | | | | | .7 | 4.0 |
| WSW | | | .7 | | | | | | | | | .7 | 9.0 |
| W | 2.8 | .7 | | .7 | | | | | | | | 4.3 | 4.5 |
| WNW | .7 | .7 | .7 | | | | | | | | | 2.1 | 5.7 |
| NW | .7 | .7 | 2.1 | 1.4 | | | | | | | | 5.0 | 9.3 |
| NNW | .7 | .7 | 1.4 | | | | | | | | | 2.8 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.0 | |
| | 15.6 | 23.4 | 19.9 | 6.4 | | .7 | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 09 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 1.4 | 6.4 | 1.4 | | | | | | | | 10.6 | 8.3 |
| NNE | | .7 | 1.4 | .7 | | | | | | | | 2.8 | 8.8 |
| NE | | 1.4 | 4.3 | 1.4 | | | | | | | | 7.1 | 9.6 |
| ENE | .7 | 2.1 | 3.5 | | | | | | | | | 6.4 | 6.6 |
| E | 3.5 | 3.5 | 3.5 | .7 | | | | | | | | 11.3 | 5.9 |
| ESE | 2.1 | 1.4 | 2.1 | | | | | | | | | 5.7 | 5.3 |
| SE | 1.4 | 1.4 | 2.8 | .7 | .7 | | | | | | | 7.1 | 8.1 |
| SSE | 1.4 | 1.4 | .7 | .7 | .7 | | | | | | | 5.0 | 7.9 |
| S | | 2.8 | 2.8 | | | | | | | | | 5.7 | 7.1 |
| SSW | .7 | 2.8 | 1.4 | | .7 | | | | | | | 5.7 | 7.0 |
| SW | 2.1 | .7 | .7 | .7 | | | | | | | | 4.3 | 5.3 |
| WSW | .7 | 1.4 | 1.4 | .7 | | | | | | | | 4.3 | 6.7 |
| W | | .7 | .7 | .7 | | | | | | | | 2.1 | 8.3 |
| WNW | .7 | 1.4 | | 1.4 | | | | | | | | 3.5 | 7.2 |
| NW | | 2.1 | 1.4 | 2.1 | | | | | | | | 5.7 | 9.4 |
| NNW | .7 | 2.1 | .7 | .7 | | | | | | | | 4.3 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.5 | |
| | 15.6 | 27.7 | 34.0 | 12.1 | 2.1 | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.4 | 2.1 | 5.0 | | | | | | | | 8.5 | 10.3 |
| NNE | .7 | 2.1 | 1.4 | .7 | | | | | | | | 5.0 | 6.7 |
| NE | | | 1.4 | | | | | | | | | 1.4 | 9.0 |
| ENE | | 1.4 | 2.1 | 1.4 | | | | | | | | 5.0 | 9.1 |
| E | 2.1 | 3.5 | 3.5 | 1.4 | | | | | | | | 10.6 | 6.4 |
| ESE | | 4.3 | .7 | .7 | | | | | | | | 5.7 | 6.4 |
| SE | .7 | 1.4 | 2.1 | 1.4 | | | | | | | | 5.7 | 7.9 |
| SSE | | | 2.8 | 1.4 | | | | | | | | 4.3 | 10.7 |
| S | | .7 | 5.7 | 6.4 | 2.1 | | | | | | | 14.9 | 12.3 |
| SSW | | .7 | 2.1 | 1.4 | | | | | | | | 4.3 | 9.7 |
| SW | | .7 | 2.1 | 1.4 | .7 | | | | | | | 5.0 | 10.3 |
| WSW | | 1.4 | 4.3 | | | | | | | | | 5.7 | 8.1 |
| W | | .7 | 3.5 | .7 | .7 | | | | | | | 5.7 | 10.5 |
| WNW | | 2.8 | .7 | .7 | | | | | | | | 4.3 | 6.8 |
| NW | | .7 | 3.5 | 2.1 | | | | | | | | 6.4 | 9.8 |
| NNW | .7 | 1.4 | 2.8 | 1.4 | | | | | | | | 6.4 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 4.3 | 23.4 | 41.1 | 26.2 | 3.5 | | | | | | | 100.0 | 9.0 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 — STATION
NEW ORLEANS, LOUISIANA — STATION NAME
73-77 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
15 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 1.4 | 3.5 | 2.1 | | | | | | | | 7.8 | 8.7 |
| NNE | | 2.1 | 1.4 | 1.4 | | | | | | | | 5.0 | 8.0 |
| NE | | | 2.1 | | | | | | | | | 2.1 | 8.7 |
| ENE | | 1.4 | 2.1 | | | | | | | | | 3.5 | 7.4 |
| E | 2.8 | 2.1 | 1.4 | 2.1 | | | | | | | | 8.5 | 6.8 |
| ESE | | 2.1 | 2.1 | .7 | | | | | | | | 5.0 | 8.3 |
| SE | | 2.1 | 2.8 | .7 | | | | | | | | 5.7 | 7.9 |
| SSE | 1.4 | | 2.1 | 2.8 | | | | | | | | 6.4 | 9.2 |
| S | .7 | 2.8 | 3.5 | 7.1 | 1.4 | | | | | | | 15.6 | 11.3 |
| SSW | | 1.4 | 1.4 | 4.3 | | | | | | | | 7.1 | 10.4 |
| SW | | .7 | 2.8 | 2.1 | | | | | | | | 5.7 | 9.4 |
| WSW | | .7 | | 2.8 | | | | | | | | 3.5 | 11.8 |
| W | | 1.4 | 1.4 | 1.4 | | | | | | | | 4.3 | 9.2 |
| WNW | .7 | 2.8 | .7 | .7 | | | | | | | | 5.0 | 6.9 |
| NW | | 1.4 | 2.1 | 2.8 | | | | | | | | 6.4 | 10.2 |
| NNW | .7 | 2.8 | .7 | 3.5 | | | | | | | | 7.8 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 7.1 | 25.5 | 30.5 | 34.8 | 1.4 | | | | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.5 | .7 | 1.4 | | | | | | | | | 5.7 | 4.6 |
| NNE | 2.1 | .7 | 2.1 | | | | | | | | | 5.0 | 5.4 |
| NE | .7 | .7 | | .7 | | | | | | | | 2.1 | 6.7 |
| ENE | .7 | 2.8 | 1.4 | | | | | | | | | 5.0 | 5.4 |
| E | | 2.1 | 1.4 | | | | | | | | | 3.5 | 5.6 |
| ESE | .7 | 4.3 | 3.5 | .7 | | | | | | | | 9.2 | 6.5 |
| SE | 1.4 | 5.0 | .7 | .7 | | | | | | | | 7.8 | 5.7 |
| SSE | 1.4 | 5.0 | 2.1 | .7 | | | | | | | | 9.2 | 6.1 |
| S | | 3.5 | 6.4 | .7 | | .7 | | | | | | 11.3 | 8.8 |
| SSW | | 1.4 | 3.5 | .7 | | | | | | | | 5.7 | 8.3 |
| SW | | 2.1 | 2.1 | .7 | | | | | | | | 5.0 | 6.7 |
| WSW | 2.8 | | | | | | | | | | | 2.8 | 2.8 |
| W | 2.1 | 1.4 | 1.4 | | | | | | | | | 5.0 | 5.1 |
| WNW | .7 | .7 | .7 | | | | | | | | | 2.1 | 5.7 |
| NW | | | .7 | | | | | | | | | .7 | 10.0 |
| NNW | 2.8 | 2.1 | 5.0 | .7 | | | | | | | | 10.6 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.2 | |
| | 19.1 | 32.6 | 32.6 | 5.7 | | .7 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 1.4 | 4.3 | .7 | | | | | | | | 7.1 | 7.9 |
| NNE | .7 | | .7 | .7 | | | | | | | | 2.1 | 8.7 |
| NE | .7 | .7 | 1.4 | .7 | | | | | | | | 3.5 | 7.2 |
| ENE | | .7 | .7 | | | | | | | | | 1.4 | 7.0 |
| E | .7 | 4.3 | .7 | | | | | | | | | 5.7 | 4.6 |
| ESE | .7 | 5.7 | 1.4 | | | | | | | | | 7.8 | 5.2 |
| SE | 1.4 | 1.4 | 1.4 | .7 | | | | | | | | 5.0 | 5.9 |
| SSE | 2.1 | 4.3 | 2.8 | .7 | | | | | | | | 9.9 | 5.2 |
| S | 3.5 | 5.7 | .7 | 1.4 | | | | | | | | 11.3 | 5.6 |
| SSW | 1.4 | 5.0 | .7 | .7 | | | | | | | | 7.8 | 6.2 |
| SW | 2.8 | 1.4 | | .7 | | | | | | | | 5.0 | 4.4 |
| WSW | | .7 | | .7 | | | | | | | | 1.4 | 9.0 |
| W | 2.8 | .7 | | | | | | | | | | 3.5 | 3.0 |
| WNW | .7 | 1.4 | | | | | | | | | | 2.1 | 4.7 |
| NW | | | .7 | | | | | | | | | .7 | 10.0 |
| NNW | | .7 | 2.8 | .7 | | | | | | | | 4.3 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.3 | |
| | 18.4 | 34.0 | 18.4 | 7.8 | | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 1.9 | 3.5 | 1.2 | | | | | | | | 8.3 | 7.3 |
| NNE | .9 | 1.8 | 1.8 | .6 | | | | | | | | 5.1 | 6.7 |
| NE | .5 | 1.1 | 1.2 | .4 | | | | | | | | 3.1 | 7.0 |
| ENE | .4 | 1.4 | 1.6 | .3 | | | | | | | | 3.7 | 6.8 |
| E | 1.4 | 2.4 | 1.9 | .6 | | | | | | | | 6.3 | 6.1 |
| ESE | .8 | 3.0 | 1.7 | .5 | | | | | | | | 6.0 | 6.2 |
| SE | .9 | 2.0 | 1.7 | .9 | .2 | | | | | | | 5.6 | 7.3 |
| SSE | 1.0 | 1.8 | 1.8 | 1.0 | .1 | | | | | | | 5.6 | 7.1 |
| S | 1.3 | 3.4 | 3.1 | 2.3 | .4 | .1 | | | | | | 10.6 | 8.4 |
| SSW | .8 | 1.8 | 1.5 | 1.1 | .2 | .1 | | | | | | 5.4 | 8.0 |
| SW | .7 | 1.2 | 1.1 | .7 | .1 | | | | | | | 3.8 | 6.9 |
| WSW | .4 | .8 | .9 | .5 | | | | | | | | 2.7 | 7.4 |
| W | 1.3 | 1.2 | 1.2 | .6 | .1 | | | | | | | 4.3 | 6.5 |
| WNW | .5 | 1.4 | .5 | .5 | | | | | | | | 3.0 | 6.7 |
| NW | .1 | .8 | 1.5 | 1.5 | | | | | | | | 3.9 | 9.8 |
| NNW | .8 | 1.5 | 1.7 | 1.1 | | | | | | | | 5.1 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.5 | |
| | 13.7 | 27.3 | 26.5 | 13.8 | 1.1 | .2 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 1128

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 — STATION
NEW ORLEANS, LOUISIANA — STATION NAME
73-77 — YEARS
MAR — MONTH
ALL WEATHER — CLASS
00 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.3 | 1.3 | | | | | | | | | 3.9 | 4.7 |
| NNE | | 3.2 | .6 | 1.3 | | | | | | | | 5.2 | 7.0 |
| NE | | 1.3 | .6 | | | | | | | | | 1.9 | 5.7 |
| ENE | .6 | 1.9 | .6 | .6 | | | | | | | | 3.9 | 6.0 |
| E | 1.9 | 1.9 | .6 | .6 | | | | | | | | 5.2 | 5.5 |
| ESE | | 1.9 | 4.5 | | | | | | | | | 6.5 | 7.5 |
| SE | 1.3 | 3.2 | 2.6 | | | | | | | | | 7.1 | 5.9 |
| SSE | 2.6 | 6.5 | 3.2 | 1.3 | | | | | | | | 13.5 | 6.2 |
| S | .6 | 3.9 | 1.9 | 2.6 | 1.3 | | | | | | | 10.3 | 9.3 |
| SSW | .6 | | 2.6 | 1.9 | | | | | | | | 5.2 | 9.5 |
| SW | .6 | 3.2 | 2.6 | | .6 | | | | | | | 7.1 | 7.3 |
| WSW | | .6 | .6 | | | | | | | | | 1.3 | 7.5 |
| W | | 1.9 | | | | | | | | | | 1.9 | 4.7 |
| WNW | | .6 | .6 | | | | | | | | | 1.3 | 6.0 |
| NW | | | 1.3 | | | | | | | | | 1.3 | 10.0 |
| NNW | .6 | | .6 | .6 | | | | | | | | 1.9 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.6 | |
| | 10.3 | 31.6 | 24.5 | 9.0 | 1.9 | | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 03 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | .6 | 2.6 | | | | | | | | | 5.2 | 5.5 |
| NNE | 1.3 | 3.9 | .6 | | | | | | | | | 5.8 | 5.2 |
| NE | 2.6 | 1.9 | 1.3 | | | | | | | | | 5.8 | 4.8 |
| ENE | 1.9 | | .6 | .6 | | | | | | | | 3.2 | 5.8 |
| E | 1.3 | | .6 | | | | | | | | | 1.9 | 4.7 |
| ESE | 1.9 | 1.3 | 2.6 | .6 | | | | | | | | 6.5 | 6.5 |
| SE | .6 | 1.3 | 1.9 | | | | | | | | | 3.9 | 6.7 |
| SSE | 3.9 | 3.2 | 3.9 | .6 | | .6 | | | | | | 12.3 | 6.6 |
| S | .6 | 3.9 | 2.6 | .6 | | | | | | | | 7.7 | 6.5 |
| SSW | | 2.6 | 1.9 | | | | | | | | | 4.5 | 6.3 |
| SW | .6 | 1.3 | 1.9 | 1.3 | | | | | | | | 5.2 | 7.9 |
| WSW | .6 | .6 | | .6 | | | | | | | | 1.9 | 6.7 |
| W | 1.3 | 1.3 | | .6 | | | | | | | | 3.2 | 5.0 |
| WNW | .6 | .6 | .6 | | | | | | | | | 1.9 | 5.7 |
| NW | .6 | 1.3 | .6 | .6 | | | | | | | | 3.2 | 6.6 |
| NNW | .6 | 1.3 | .6 | .6 | | .6 | | | | | | 3.9 | 10.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.9 | |
| | 20.6 | 25.2 | 22.6 | 6.5 | | 1.3 | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | MAR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.9 | 2.6 | | | | | | | | | 5.8 | 6.2 |
| NNE | 2.6 | 4.5 | .6 | 1.3 | | | | | | | | 9.0 | 5.7 |
| NE | 1.9 | | 1.3 | | | | | | | | | 3.2 | 5.0 |
| ENE | .6 | 2.6 | 1.9 | .6 | | | | | | | | 5.8 | 6.7 |
| E | .6 | 3.2 | 1.3 | | | | | | | | | 5.2 | 5.3 |
| ESE | 2.6 | | | 1.3 | | | | | | | | 3.9 | 5.5 |
| SE | 2.6 | 1.9 | 2.6 | .6 | | | | | | | | 7.7 | 6.1 |
| SSE | 1.9 | 1.3 | 2.6 | 1.3 | | | | | | | | 7.1 | 6.6 |
| S | 2.6 | 5.8 | 1.9 | .6 | | | | | | | | 11.0 | 5.6 |
| SSW | | | .6 | .6 | | | | | | | | 1.3 | 11.0 |
| SW | | .6 | .6 | .6 | | | | | | | | 1.9 | 8.7 |
| WSW | 2.6 | | 1.3 | 1.9 | | | | | | | | 5.8 | 7.4 |
| W | .6 | | .6 | .6 | | | | | | | | 1.9 | 9.3 |
| WNW | 1.3 | | .6 | | | | | | | | | 1.9 | 4.0 |
| NW | .6 | .6 | 1.3 | | | | | | | | | 2.6 | 7.0 |
| NNW | | 2.6 | 1.3 | 1.3 | | | | | | | | 5.2 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.6 | |
| | 21.9 | 25.2 | 21.3 | 11.0 | | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS)

09 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | .6 | 1.9 | 3.2 | | | | | | | | 7.1 | 9.4 |
| NNE | 1.3 | 1.9 | 4.5 | | | | | | | | | 7.7 | 6.8 |
| NE | | 1.3 | 2.6 | .6 | | | | | | | | 4.5 | 8.3 |
| ENE | | 2.6 | 4.5 | .6 | | | | | | | | 7.7 | 8.0 |
| E | 1.9 | 3.9 | 2.6 | 1.3 | | | | | | | | 9.7 | 6.4 |
| ESE | | 2.6 | 3.9 | 1.9 | | | | | | | | 8.4 | 8.8 |
| SE | 1.3 | .6 | 2.6 | 2.6 | .6 | | | | | | | 7.7 | 9.0 |
| SSE | .6 | 4.5 | 2.6 | 2.6 | .6 | | | | | | | 11.0 | 8.4 |
| S | .6 | 1.9 | 5.2 | 3.2 | | | | | | | | 11.0 | 9.1 |
| SSW | | 1.3 | 1.3 | 1.3 | | | | | | | | 3.9 | 9.2 |
| SW | | | .6 | 1.3 | | | | | | | | 1.9 | 11.0 |
| WSW | | .6 | 1.9 | 1.3 | | | | | | | | 3.9 | 9.8 |
| W | | | 1.3 | | | | | | | | | 1.3 | 7.5 |
| WNW | | .6 | 1.9 | | | | | | | | | 2.6 | 8.0 |
| NW | | .6 | 1.3 | | | | | | | | | 1.9 | 8.0 |
| NNW | | | 1.9 | 3.2 | | | | | | | | 5.2 | 12.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 7.1 | 23.2 | 40.6 | 23.2 | 1.3 | | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 12 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.3 | 1.9 | 3.9 | | | | | | | | 7.1 | 10.5 |
| NNE | | .6 | 2.6 | .6 | | | | | | | | 3.9 | 8.5 |
| NE | .6 | 1.3 | 1.9 | | .6 | | | | | | | 4.5 | 8.1 |
| ENE | | 1.3 | 1.3 | 1.3 | | | | | | | | 3.9 | 8.7 |
| E | .6 | 3.9 | 3.2 | 1.3 | | | | | | | | 9.0 | 7.1 |
| ESE | .6 | .6 | 2.6 | 3.9 | | | | | | | | 7.7 | 10.3 |
| SE | | 1.9 | 2.6 | 2.6 | | .6 | | | | | | 7.7 | 9.8 |
| SSE | | 1.3 | 3.2 | 6.5 | .6 | | | | | | | 11.6 | 11.1 |
| S | | 1.9 | 6.5 | 5.8 | 3.9 | | | | | | | 18.1 | 12.3 |
| SSW | | .6 | .6 | 4.5 | .6 | | | | | | | 6.5 | 12.5 |
| SW | | .6 | .6 | 1.9 | | | | | | | | 3.2 | 10.4 |
| WSW | | 1.9 | | 1.3 | | | | | | | | 3.2 | 8.6 |
| W | .6 | 1.9 | 1.9 | | | | | | | | | 4.5 | 6.4 |
| WNW | .6 | | .6 | .6 | | | | | | | | 1.9 | 8.3 |
| NW | | | .6 | | | | | | | | | .6 | 9.0 |
| NNW | | .6 | 1.3 | 1.3 | | .6 | | | | | | 3.9 | 11.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 3.2 | 20.0 | 31.6 | 35.5 | 5.8 | 1.3 | | | | | | 100.0 | 9.9 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H 2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | MAR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.9 | 3.9 | 3.9 | | | | | | | | 9.7 | 9.9 |
| NNE | | 1.3 | 1.9 | .6 | | | | | | | | 3.9 | 8.3 |
| NE | .6 | 1.9 | 1.3 | | | | | | | | | 3.9 | 5.7 |
| ENE | | 3.2 | 1.3 | | | | | | | | | 4.5 | 6.3 |
| E | 1.3 | 1.9 | 3.2 | 2.6 | | | | | | | | 9.0 | 8.4 |
| ESE | | | 3.9 | .6 | | | | | | | | 4.5 | 9.7 |
| SE | | .6 | .6 | 1.3 | | | | | | | | 2.6 | 10.0 |
| SSE | .6 | 1.9 | 3.2 | 3.9 | | .6 | | | | | | 10.3 | 10.6 |
| S | .6 | 2.6 | 7.1 | 12.9 | | | | | | | | 23.2 | 10.8 |
| SSW | | | 3.2 | 3.2 | .6 | | | | | | | 7.1 | 11.7 |
| SW | | 1.3 | | 1.9 | | | | | | | | 3.2 | 11.0 |
| WSW | .6 | | .6 | 3.2 | | | | | | | | 4.5 | 10.4 |
| W | .6 | .6 | 2.6 | .6 | | | | | | | | 4.5 | 7.9 |
| WNW | | | | .6 | | | | | | | | .6 | 16.0 |
| NW | | .6 | 1.3 | .6 | | | | | | | | 2.6 | 9.0 |
| NNW | .6 | | 2.6 | .6 | .6 | | | | | | | 4.5 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 5.2 | 18.1 | 36.8 | 36.8 | 1.3 | .6 | | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | MAR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 2.6 | 2.6 | 1.3 | | | | | | | | 7.1 | 7.7 |
| NNE | | .6 | .6 | .6 | | | | | | | | 1.9 | 9.7 |
| NE | | .6 | 1.3 | 1.3 | | | | | | | | 3.2 | 8.6 |
| ENE | .6 | 1.3 | 1.3 | | | | | | | | | 3.2 | 5.6 |
| E | 1.3 | 2.6 | 3.2 | .6 | | | | | | | | 7.7 | 6.9 |
| ESE | | 5.2 | 3.2 | 1.9 | | | | | | | | 10.3 | 7.6 |
| SE | | 1.3 | .6 | .6 | | | | | | | | 2.6 | 8.3 |
| SSE | 1.3 | 5.6 | 9.0 | 3.2 | .6 | | | | | | | 20.0 | 8.0 |
| S | 1.3 | 5.2 | 7.1 | 2.6 | | | | | | | | 16.1 | 7.6 |
| SSW | 1.3 | 1.3 | 3.9 | 1.9 | | .6 | | | | | | 9.0 | 9.1 |
| SW | | 1.9 | .6 | 1.3 | | | | | | | | 3.9 | 8.7 |
| WSW | | .6 | .6 | | | | | | | | | 1.3 | 7.0 |
| W | .6 | 1.3 | | | | | | | | | | 1.9 | 3.7 |
| WNW | | .6 | | 1.3 | | | | | | | | 1.9 | 10.7 |
| NW | .6 | .6 | | | | | | | | | | 1.3 | 3.5 |
| NNW | | 1.9 | 1.3 | | | | | | | | | 3.2 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 5.2 | |
| | 7.7 | 33.5 | 35.5 | 16.8 | .6 | .6 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | MAR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 3.2 | 3.2 | | | | | | | | | 7.7 | 6.3 |
| NNE | .6 | .6 | 1.3 | | | | | | | | | 2.6 | 5.8 |
| NE | .6 | .6 | 2.6 | | | | | | | | | 3.9 | 7.0 |
| ENE | | 1.3 | 1.3 | | | | | | | | | 2.6 | 6.8 |
| E | | 1.9 | 1.3 | .6 | | | | | | | | 3.9 | 7.8 |
| ESE | 3.9 | 3.2 | 1.3 | .6 | | | | | | | | 9.0 | 4.7 |
| SE | | 3.9 | 1.9 | 3.2 | | | | | | | | 9.0 | 9.1 |
| SSE | .6 | 6.5 | 5.2 | 2.6 | .6 | | | | | | | 15.5 | 7.8 |
| S | 2.6 | 1.9 | 2.6 | 1.3 | | | | | | | | 8.4 | 6.8 |
| SSW | | 1.9 | 4.5 | | | | | | | | | 6.5 | 7.6 |
| SW | 1.3 | .6 | | .6 | | | | | | | | 2.6 | 5.5 |
| WSW | 1.3 | .6 | 1.3 | | | | | | | | | 3.2 | 5.2 |
| W | 1.3 | .6 | .6 | | | | | | | | | 2.6 | 4.5 |
| WNW | | | | | | | | | | | | | |
| NW | .6 | .6 | .6 | .6 | | | | | | | | 2.6 | 6.5 |
| NNW | .6 | .6 | .6 | | | | | | | | | 1.9 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.1 | |
| | 14.8 | 28.4 | 28.4 | 9.7 | .6 | | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NEW ORLEANS, LOUISIANA — STATION NAME

73-77 — YEARS

MAR — MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 1.7 | 2.5 | 1.5 | | | | | | | | 6.7 | 7.9 |
| NNE | .7 | 2.1 | 1.6 | .6 | | | | | | | | 5.0 | 6.7 |
| NE | .8 | 1.1 | 1.5 | .2 | .1 | | | | | | | 3.9 | 6.6 |
| ENE | .5 | 1.8 | 1.6 | .5 | | | | | | | | 4.4 | 6.9 |
| E | 1.1 | 2.4 | 2.0 | .9 | | | | | | | | 6.5 | 6.8 |
| ESE | 1.1 | 1.9 | 2.7 | 1.4 | | | | | | | | 7.1 | 7.6 |
| SE | .7 | 1.9 | 1.9 | 1.4 | .1 | .1 | | | | | | 6.0 | 8.0 |
| SSE | 1.5 | 3.9 | 4.1 | 2.7 | .3 | .2 | | | | | | 12.7 | 8.1 |
| S | 1.1 | 3.4 | 4.4 | 3.7 | .6 | | | | | | | 13.2 | 9.1 |
| SSW | .2 | 1.0 | 2.3 | 1.7 | .2 | .1 | | | | | | 5.5 | 9.6 |
| SW | .3 | 1.2 | .9 | 1.1 | .1 | | | | | | | 3.6 | 8.5 |
| WSW | .6 | .6 | .8 | 1.0 | | | | | | | | 3.1 | 8.1 |
| W | .6 | 1.0 | .9 | .2 | | | | | | | | 2.7 | 6.2 |
| WNW | .3 | .3 | .6 | .3 | | | | | | | | 1.5 | 7.7 |
| NW | .3 | .6 | .9 | .2 | | | | | | | | 2.0 | 7.3 |
| NNW | .3 | .9 | 1.3 | 1.0 | .1 | .2 | | | | | | 3.7 | 9.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 11.4 | 25.6 | 30.2 | 18.5 | 1.5 | .5 | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.0 | 2.7 | | | | | | | | | 5.3 | 6.8 |
| NNE | | 2.7 | | | | | | | | | | 2.7 | 5.0 |
| NE | | | .7 | | | | | | | | | .7 | 8.0 |
| ENE | | 2.0 | | | | | | | | | | 2.0 | 4.7 |
| E | .7 | 1.3 | | .7 | | | | | | | | 2.7 | 5.8 |
| ESE | 2.0 | 2.7 | .7 | 1.3 | | | | | | | | 6.7 | 6.6 |
| SE | 3.3 | 3.3 | 4.7 | 2.7 | .7 | | | | | | | 14.7 | 7.5 |
| SSE | .7 | 4.0 | 2.7 | .7 | | | | | | | | 8.0 | 6.5 |
| S | .7 | 2.7 | 2.7 | 2.0 | | | | | | | | 8.0 | 8.4 |
| SSW | .7 | 1.3 | .7 | | | | | | | | | 2.7 | 5.0 |
| SW | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| WSW | .7 | 1.3 | | | | | | | | | | 2.0 | 3.3 |
| W | 2.0 | .7 | .7 | | | | | | | | | 3.3 | 4.2 |
| WNW | .7 | .7 | | .7 | | | | | | | | 2.0 | 7.3 |
| NW | | | | | .7 | | | | | | | .7 | 17.0 |
| NNW | | 1.3 | | | | | | | | | | 1.3 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.0 | |
| | 13.3 | 26.0 | 15.3 | 8.0 | 1.3 | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.3 | 2.0 | .7 | | | | | | | | 4.0 | 7.7 |
| NNE | 1.3 | 2.7 | 3.3 | | | | | | | | | 7.3 | 6.1 |
| NE | .7 | 2.7 | | | | | | | | | | 3.3 | 4.6 |
| ENE | | | .7 | | | | | | | | | .7 | 8.0 |
| E | .7 | .7 | | .7 | | | | | | | | 2.0 | 6.3 |
| ESE | 1.3 | 1.3 | 1.3 | | | | | | | | | 4.0 | 5.7 |
| SE | | 6.0 | 2.0 | 1.3 | | | | | | | | 9.3 | 6.9 |
| SSE | 3.3 | 2.0 | 3.3 | 1.3 | | | | | | | | 10.0 | 6.5 |
| S | | 2.7 | 2.7 | 1.3 | | | | | | | | 6.7 | 7.7 |
| SSW | 1.3 | .7 | 1.3 | | | | | | | | | 3.3 | 5.8 |
| SW | | .7 | | | | | | | | | | .7 | 4.0 |
| WSW | | .7 | | | | | | | | | | .7 | 6.0 |
| W | .7 | 1.3 | | .7 | | | | | | | | 2.7 | 6.8 |
| WNW | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| NW | .7 | | | .7 | | | | | | | | 1.3 | 7.0 |
| NNW | | | .7 | | | | | | | | | .7 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 42.0 | |
| | 11.3 | 22.7 | 17.3 | 6.7 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | .7 | | .7 | | | | | | | | 2.7 | 5.3 |
| NNE | 4.0 | 2.0 | 1.3 | | | | | | | | | 7.3 | 4.4 |
| NE | 1.3 | 3.3 | .7 | | | | | | | | | 5.3 | 4.4 |
| ENE | | .7 | | | | | | | | | | .7 | 4.0 |
| E | .7 | 2.7 | 1.3 | | | | | | | | | 4.7 | 6.1 |
| ESE | 2.0 | 2.7 | 2.7 | 1.3 | | | | | | | | 8.7 | 6.5 |
| SE | .7 | 1.3 | 2.0 | | | | | | | | | 4.0 | 5.8 |
| SSE | .7 | 5.3 | 2.7 | | .7 | | | | | | | 9.3 | 6.9 |
| S | 2.0 | 2.0 | 1.3 | | | | | | | | | 5.3 | 4.6 |
| SSW | .7 | | | | | | | | | | | .7 | 3.0 |
| SW | | | .7 | | | | | | | | | .7 | 8.0 |
| WSW | | | | | | | | | | | | | |
| W | 1.3 | 1.3 | .7 | | | | | | | | | 3.3 | 4.4 |
| WNW | | 1.3 | | .7 | | | | | | | | 2.0 | 8.7 |
| NW | .7 | | .7 | .7 | | | | | | | | 2.0 | 7.0 |
| NNW | | .7 | .7 | | | | | | | | | 1.3 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 42.0 | |
| | 15.3 | 24.0 | 14.7 | 3.3 | .7 | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

09
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.7 | 2.0 | .7 | | | | | | | | 6.0 | 6.9 |
| NNE | | 2.7 | 1.3 | 1.3 | | | | | | | | 5.3 | 7.0 |
| NE | | 1.3 | 5.3 | | | | | | | | | 6.7 | 7.8 |
| ENE | 1.3 | 1.3 | 4.0 | 1.3 | | | | | | | | 8.0 | 6.9 |
| E | .7 | 4.7 | 4.7 | 1.3 | | | | | | | | 11.3 | 7.4 |
| ESE | | | 4.0 | 4.7 | | | | | | | | 8.7 | 10.4 |
| SE | | 2.0 | 4.7 | 2.7 | | | | | | | | 9.3 | 9.0 |
| SSE | | 1.3 | 6.0 | 1.3 | | | | | | | | 8.7 | 9.0 |
| S | 1.3 | 2.7 | 4.0 | 6.0 | .7 | | | | | | | 14.7 | 9.5 |
| SSW | | 2.0 | | | | | | | | | | 2.0 | 4.7 |
| SW | | 1.3 | | | | | | | | | | 1.3 | 5.0 |
| WSW | | .7 | 1.3 | | | | | | | | | 2.0 | 8.0 |
| W | 1.3 | 1.3 | .7 | | | | | | | | | 3.3 | 5.2 |
| WNW | | | 1.3 | | | | | | | | | 1.3 | 8.0 |
| NW | .7 | .7 | .7 | | .7 | | | | | | | 2.7 | 9.0 |
| NNW | .7 | | 2.7 | 1.3 | | | | | | | | 4.7 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 6.7 | 24.7 | 42.7 | 20.7 | 1.3 | | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 12 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 4.0 | 3.3 | 1.3 | | | | | | | | 10.0 | 7.0 |
| NNE | | 4.0 | 2.7 | | | | | | | | | 6.7 | 6.4 |
| NE | | 1.3 | .7 | | | | | | | | | 2.0 | 6.3 |
| ENE | 1.3 | 2.0 | 1.3 | | | | | | | | | 4.7 | 5.3 |
| E | .7 | 6.7 | 5.3 | 5.3 | | | | | | | | 18.0 | 8.5 |
| ESE | .7 | 1.3 | 5.3 | 4.0 | | | | | | | | 11.3 | 9.9 |
| SE | | | 1.3 | 3.3 | | | | | | | | 4.7 | 11.9 |
| SSE | | 2.0 | 2.0 | 4.0 | 1.3 | | | | | | | 9.3 | 11.4 |
| S | | 2.0 | 5.3 | 3.3 | 1.3 | | | | | | | 12.0 | 10.2 |
| SSW | | | .7 | 3.3 | | | | | | | | 4.0 | 13.0 |
| SW | | | | | | | | | | | | | |
| WSW | | 2.7 | 2.0 | | | | | | | | | 4.7 | 6.1 |
| W | | | 2.7 | .7 | | | | | | | | 3.3 | 10.0 |
| WNW | | .7 | 1.3 | 1.3 | | | | | | | | 3.3 | 9.4 |
| NW | | | | .7 | | | | | | | | .7 | 16.0 |
| NNW | | 2.0 | 1.3 | | | | | | | | | 3.3 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 4.0 | 28.7 | 35.3 | 27.3 | 2.7 | | | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS)

15 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 3.3 | 2.0 | | | | | | | | | 5.3 | 5.8 |
| NNE | .7 | 1.3 | 1.3 | | | | | | | | | 3.3 | 5.8 |
| NE | | 1.3 | | | | | | | | | | 1.3 | 4.5 |
| ENE | | 2.7 | | 1.3 | | | | | | | | 4.0 | 8.5 |
| E | .7 | 2.7 | 5.3 | 2.7 | | | | | | | | 11.3 | 8.4 |
| ESE | .7 | 3.3 | 4.7 | 6.0 | | | | | | | | 14.7 | 9.5 |
| SE | | 2.0 | 2.7 | 1.3 | .7 | | | | | | | 6.7 | 9.5 |
| SSE | | 2.0 | 6.0 | 2.0 | 1.3 | | | | | | | 11.3 | 10.3 |
| S | | 2.0 | 4.7 | 6.7 | 1.3 | | | | | | | 14.7 | 11.0 |
| SSW | | .7 | 2.0 | 1.3 | | | | | | | | 4.0 | 10.3 |
| SW | | 1.3 | .7 | | | | | | | | | 2.0 | 7.0 |
| WSW | .7 | 1.3 | 1.3 | | | | | | | | | 3.3 | 6.0 |
| W | .7 | | .7 | .7 | | | | | | | | 2.0 | 8.7 |
| WNW | | 1.3 | 3.3 | .7 | | | | | | | | 5.3 | 8.8 |
| NW | 1.3 | | 2.7 | .7 | | | | | | | | 4.7 | 7.0 |
| NNW | .7 | .7 | 2.0 | .7 | | | | | | | | 4.0 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 5.3 | 26.0 | 39.3 | 24.0 | 3.3 | | | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS)

18 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 2.0 | .7 | | | | | | | | | 4.7 | 4.1 |
| NNE | .7 | | | | | | | | | | | .7 | 3.0 |
| NE | .7 | 1.3 | | | | | | | | | | 2.0 | 4.7 |
| ENE | 1.3 | .7 | .7 | .7 | | | | | | | | 3.3 | 5.8 |
| E | .7 | 3.3 | 6.0 | 1.3 | | | | | | | | 11.3 | 7.7 |
| ESE | .7 | 1.3 | 6.0 | 2.7 | | | | | | | | 10.7 | 9.4 |
| SE | | 5.3 | 3.3 | 1.3 | | | | | | | | 10.0 | 7.5 |
| SSE | 2.0 | 4.0 | 6.7 | 2.0 | .7 | | | | | | | 15.3 | 7.7 |
| S | 2.0 | 6.0 | 4.7 | 1.3 | | | | | | | | 14.0 | 6.9 |
| SSW | .7 | | | | | | | | | | | .7 | 2.0 |
| SW | 2.0 | | 1.3 | | | | | | | | | 3.3 | 5.0 |
| WSW | 2.0 | .7 | | .7 | | | | | | | | 3.3 | 5.0 |
| W | 1.3 | 1.3 | .7 | .7 | | | .7 | | | | | 4.7 | 9.3 |
| WNW | | 1.3 | 1.3 | | | | | | | | | 2.7 | 6.3 |
| NW | | .7 | 2.7 | | | | | | | | | 3.3 | 8.6 |
| NNW | | 4.0 | 2.0 | | | | | | | | | 6.0 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 16.0 | 32.0 | 36.0 | 10.7 | .7 | | .7 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 150

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | .7 | .7 | | | | | | | | | 2.0 | 5.7 |
| NNE | 1.3 | 1.3 | | | | | | | | | | 2.7 | 4.0 |
| NE | | | | | | | | | | | | | |
| ENE | .7 | .7 | .7 | | | | | | | | | 2.0 | 4.3 |
| E | 1.3 | 3.3 | 1.3 | .7 | | | | | | | | 6.7 | 5.8 |
| ESE | .7 | 4.0 | 2.7 | 2.0 | | | | | | | | 9.3 | 7.6 |
| SE | 2.7 | 6.0 | 5.3 | 3.3 | | | | | | | | 17.3 | 7.4 |
| SSE | 3.3 | 4.0 | 2.0 | 1.3 | | | | | | | | 10.7 | 5.9 |
| S | 2.7 | 2.0 | 3.3 | | | | | | | | | 8.0 | 5.8 |
| SSW | .7 | 2.7 | | | | | | | | | | 3.3 | 3.8 |
| SW | 2.0 | .7 | | | | | | | | | | 2.7 | 3.0 |
| WSW | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| W | .7 | .7 | .7 | | | | | | | | | 2.0 | 5.0 |
| WNW | | .7 | .7 | .7 | | | | | | | | 2.0 | 8.7 |
| NW | .7 | 1.3 | .7 | | | | | | | | | 2.7 | 4.8 |
| NNW | .7 | 1.3 | .7 | | | | | | | | | 2.7 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.7 | |
| | 19.3 | 29.3 | 18.7 | 8.0 | | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 2.1 | 1.7 | .4 | | | | | | | | 5.0 | 6.3 |
| NNE | 1.0 | 2.1 | 1.2 | .2 | | | | | | | | 4.5 | 5.6 |
| NE | .3 | 1.4 | .9 | | | | | | | | | 2.7 | 5.8 |
| ENE | .6 | 1.2 | .9 | .4 | | | | | | | | 3.2 | 6.3 |
| E | .7 | 3.2 | 3.0 | 1.6 | | | | | | | | 8.5 | 7.6 |
| ESE | 1.0 | 2.1 | 3.4 | 2.7 | | | | | | | | 9.2 | 8.6 |
| SE | .8 | 3.2 | 3.2 | 2.0 | .2 | | | | | | | 9.5 | 7.9 |
| SSE | 1.2 | 3.1 | 3.9 | 1.6 | .5 | | | | | | | 10.3 | 8.0 |
| S | 1.1 | 2.7 | 3.6 | 2.6 | .4 | | | | | | | 10.4 | 8.5 |
| SSW | .5 | .9 | .6 | .6 | | | | | | | | 2.6 | 7.3 |
| SW | .7 | .5 | .3 | | | | | | | | | 1.5 | 4.7 |
| WSW | .6 | .9 | .6 | .1 | | | | | | | | 2.2 | 5.5 |
| W | 1.0 | .8 | .8 | .3 | | | .1 | | | | | 3.1 | 6.8 |
| WNW | .2 | .7 | 1.0 | .5 | | | | | | | | 2.5 | 7.9 |
| NW | .5 | .3 | .9 | .3 | .2 | | | | | | | 2.2 | 8.0 |
| NNW | .2 | 1.2 | 1.2 | .2 | | | | | | | | 3.0 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 19.6 | |
| | 11.4 | 26.7 | 27.4 | 13.6 | 1.2 | | .1 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 1200

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 00 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 2.6 | 1.3 | | | | | | | | | 4.5 | 6.1 |
| NNE | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.2 |
| NE | | .6 | 1.3 | | | | | | | | | 1.9 | 6.7 |
| ENE | | 1.3 | | | | | | | | | | 1.3 | 5.0 |
| E | 1.3 | .6 | | | | | | | | | | 1.9 | 3.0 |
| ESE | .6 | 3.9 | 1.3 | | | | | | | | | 5.8 | 5.8 |
| SE | 3.9 | 5.2 | 1.3 | | | | | | | | | 10.3 | 4.4 |
| SSE | 2.6 | 3.9 | .6 | | | | | | | | | 7.1 | 4.3 |
| S | 1.3 | 1.3 | 2.6 | .6 | | | | | | | | 5.8 | 6.2 |
| SSW | 4.5 | 3.9 | | | | | | | | | | 8.4 | 3.4 |
| SW | | 1.9 | | | | | | | | | | 1.9 | 4.3 |
| WSW | 1.9 | | | | | | | | | | | 1.9 | 2.0 |
| W | 1.3 | 1.9 | | | | | | | | | | 3.2 | 3.4 |
| WNW | .6 | | | | | | | | | | | .6 | 2.0 |
| NW | .6 | | | | | | | | | | | .6 | 2.0 |
| NNW | .6 | | | | | | | | | | | .6 | 3.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 40.6 | |
| | 21.9 | 28.4 | 8.4 | .6 | | | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 03 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.9 | .6 | | | | | | | | | 3.9 | 4.3 |
| NNE | 1.3 | 2.6 | 1.3 | | | | | | | | | 5.2 | 5.3 |
| NE | .6 | .6 | .6 | | | | | | | | | 1.9 | 4.7 |
| ENE | | | .6 | | | | | | | | | .6 | 8.0 |
| E | .6 | .6 | | | | | | | | | | 1.3 | 4.0 |
| ESE | 1.3 | 1.3 | 1.9 | | | | | | | | | 4.5 | 5.4 |
| SE | 2.6 | 1.9 | 1.3 | | | | | | | | | 5.8 | 5.1 |
| SSE | 3.2 | 1.9 | 3.2 | | | | | | | | | 8.4 | 5.1 |
| S | 1.9 | 2.6 | 1.9 | 1.3 | | | | | | | | 7.7 | 6.1 |
| SSW | | 1.9 | .6 | | | | | | | | | 2.6 | 5.5 |
| SW | 1.9 | .6 | | | | | | | | | | 2.6 | 3.0 |
| WSW | .6 | | | | | | | | | | | .6 | 1.0 |
| W | .6 | | .6 | | | | | | | | | 1.3 | 4.5 |
| WNW | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| NW | 1.3 | .6 | .6 | | | | | | | | | 2.6 | 4.3 |
| NNW | .6 | .6 | | | | | | | | | | 1.3 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 48.4 | |
| | 19.4 | 17.4 | 13.5 | 1.3 | | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 06 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.9 | | | | | | | | | | 2.6 | 4.5 |
| NNE | 2.6 | 3.2 | .6 | .6 | | | | | | | | 7.1 | 4.9 |
| NE | 1.3 | .6 | | .6 | | | | | | | | 2.6 | 5.8 |
| ENE | | .6 | | | | | | | | | | .6 | 5.0 |
| E | .6 | .6 | | | | | | | | | | 1.3 | 3.5 |
| ESE | 1.3 | 3.2 | .6 | | | | | | | | | 5.2 | 4.5 |
| SE | .6 | 3.9 | .6 | | | | | | | | | 5.2 | 5.0 |
| SSE | 1.9 | 1.9 | .6 | .6 | | | | | | | | 5.2 | 4.6 |
| S | 2.6 | 4.5 | 1.9 | | | | | | | | | 9.0 | 4.9 |
| SSW | .6 | | .6 | | | | | | | | | 1.3 | 5.0 |
| SW | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.8 |
| WSW | .6 | | | | | | | | | | | .6 | 3.0 |
| W | | .6 | | | | | | | | | | .6 | 4.0 |
| WNW | .6 | 1.3 | .6 | | | | | | | | | 2.6 | 4.5 |
| NW | | .6 | 1.3 | | | | | | | | | 1.9 | 7.0 |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 51.6 | |
| | 14.8 | 24.5 | 7.1 | 1.9 | | | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS)

09 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.9 | 1.3 | .6 | | | | | | | | 3.9 | 7.5 |
| NNE | | 1.3 | 2.6 | | | | | | | | | 3.9 | 7.7 |
| NE | | 2.6 | 3.2 | .6 | | | | | | | | 6.5 | 7.4 |
| ENE | 1.3 | 1.9 | 5.2 | | | | | | | | | 8.4 | 6.6 |
| E | .6 | 4.5 | 3.2 | .6 | | | | | | | | 9.0 | 6.8 |
| ESE | 2.6 | 3.2 | 4.5 | .6 | | | | | | | | 11.0 | 6.1 |
| SE | 1.3 | 1.9 | 1.9 | .6 | | | | | | | | 5.8 | 6.6 |
| SSE | .6 | 2.6 | 1.9 | 1.3 | | | | | | | | 6.5 | 8.1 |
| S | .6 | 1.3 | 3.2 | 5.2 | | | | | | | | 10.3 | 10.3 |
| SSW | | 1.3 | 3.9 | 1.9 | | | | | | | | 7.1 | 9.1 |
| SW | .6 | 1.9 | 1.9 | .6 | | | | | | | | 5.2 | 6.9 |
| WSW | .6 | 2.6 | 1.3 | | | | | | | | | 4.5 | 5.3 |
| W | | 1.9 | 1.3 | .6 | | | | | | | | 3.9 | 7.7 |
| WNW | | 1.3 | | | | | | | | | | 1.3 | 5.0 |
| NW | | 1.3 | 1.9 | | | | | | | | | 3.2 | 7.2 |
| NNW | .6 | 1.9 | 1.3 | .6 | | | | | | | | 4.5 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 9.0 | 33.5 | 38.7 | 13.5 | | | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

AD-A062 043 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS). NEW ORL--ETC(U)
JUL 78

UNCLASSIFIED NL

2 OF 4
AD
A062 043

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 12 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | | 1.3 | | | | | | | | | 1.9 | 5.7 |
| NNE | .6 | 5.2 | .6 | | | | | | | | | 6.5 | 5.3 |
| NE | .6 | 3.2 | 3.2 | 1.3 | | | | | | | | 8.4 | 7.5 |
| ENE | | 1.9 | 1.9 | .6 | | | | | | | | 4.5 | 7.7 |
| E | | .6 | 3.2 | 1.9 | | | | | | | | 5.8 | 9.6 |
| ESE | | 3.2 | 4.5 | | | | | | | | | 7.7 | 7.4 |
| SE | | 1.3 | 1.9 | 1.3 | | | | | | | | 4.5 | 8.6 |
| SSE | .6 | 1.3 | 5.2 | 3.2 | | | | | | | | 10.3 | 8.9 |
| S | 1.3 | 2.6 | 8.4 | 3.9 | .6 | | | | | | | 16.8 | 8.4 |
| SSW | .6 | 2.6 | .6 | 1.3 | | | | | | | | 5.2 | 8.3 |
| SW | | 1.3 | 2.6 | 1.3 | .6 | | | | | | | 5.8 | 10.1 |
| WSW | .6 | 1.3 | 3.9 | | | | | | | | | 5.8 | 7.2 |
| W | 1.3 | .6 | 1.9 | | | | | | | | | 3.9 | 6.5 |
| WNW | | | .6 | | | | | | | | | .6 | 7.0 |
| NW | | | 1.9 | .6 | | | | | | | | 2.6 | 9.0 |
| NNW | | 1.3 | 3.2 | .6 | | | | | | | | 5.2 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 6.5 | 26.5 | 45.2 | 16.1 | 1.3 | | | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 15 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.9 | 3.9 | | | | | | | | | 6.5 | 7.2 |
| NNE | .6 | .6 | 1.3 | | | | | | | | | 2.6 | 6.8 |
| NE | .6 | .6 | .6 | | | | | | | | | 1.9 | 5.3 |
| ENE | | 3.2 | 1.9 | | | | | | | | | 5.2 | 5.8 |
| E | .6 | 3.9 | 3.9 | 2.6 | | | | | | | | 11.0 | 7.9 |
| ESE | | 3.2 | 5.8 | .6 | | | | | | | | 9.7 | 7.9 |
| SE | | 1.3 | 3.2 | .6 | | | | | | | | 5.2 | 8.6 |
| SSE | | 2.6 | 5.8 | .6 | | | | | | | | 9.0 | 8.1 |
| S | 1.3 | 6.5 | 7.1 | 5.8 | | | | | | | | 20.6 | 8.5 |
| SSW | | 1.3 | 4.5 | .6 | | | | | | | | 6.5 | 7.8 |
| SW | | .6 | 1.9 | 1.3 | | | | | | | | 3.9 | 9.0 |
| WSW | .6 | 1.9 | .6 | | | | | | | | | 3.2 | 5.6 |
| W | 1.3 | 3.9 | 2.6 | 1.3 | | | | | | | | 9.0 | 6.6 |
| WNW | | 1.3 | 1.3 | | | | | | | | | 2.6 | 6.5 |
| NW | | | .6 | .6 | | | | | | | | 1.3 | 10.5 |
| NNW | | | 1.9 | | | | | | | | | 1.9 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 5.8 | 32.9 | 47.1 | 14.2 | | | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 155



5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 18 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 2.6 | 1.3 | | | | | | | | | 3.9 | 5.7 |
| NNE | .6 | .6 | | .6 | | | | | | | | 1.9 | 6.3 |
| NE | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| ENE | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.3 |
| E | 1.3 | 4.5 | 2.6 | | | | | | | | | 8.4 | 5.7 |
| ESE | | 7.1 | 3.2 | | | | | | | | | 10.3 | 5.8 |
| SE | 1.9 | 7.1 | 2.6 | 1.3 | | | | | | | | 12.9 | 6.4 |
| SSE | 1.3 | 3.9 | 3.9 | .6 | | | | | | | | 9.7 | 7.0 |
| S | 1.9 | 7.1 | 7.7 | | | | | | | | | 16.8 | 6.0 |
| SSW | | .6 | 3.2 | 1.3 | | | | | | | | 5.2 | 8.6 |
| SW | 1.9 | 2.6 | 1.3 | | | | | | | | | 5.8 | 5.0 |
| WSW | 1.9 | 1.9 | | .6 | | | | | | | | 4.5 | 5.0 |
| W | | .6 | 1.3 | | | | | | | | | 1.9 | 7.3 |
| WNW | .6 | 1.9 | | | | | | | | | | 2.6 | 5.0 |
| NW | 1.3 | | | | | | | | | | | 1.3 | 3.0 |
| NNW | | .6 | .6 | | | | | | | | | 1.3 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.7 | |
| | 14.8 | 43.2 | 27.7 | 4.5 | | | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 21 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.6 | .6 | | | | | | | | | 4.5 | 4.6 |
| NNE | | | .6 | | | | | | | | | .6 | 7.0 |
| NE | .6 | | | | | | | | | | | .6 | 3.0 |
| ENE | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| E | 1.9 | 1.9 | 1.3 | | .6 | | | | | | | 5.8 | 6.4 |
| ESE | 3.2 | 2.6 | 1.9 | | | | | | | | | 7.7 | 4.3 |
| SE | 3.9 | 3.9 | 1.9 | .6 | | | | | | | | 10.3 | 5.1 |
| SSE | 3.9 | 3.2 | .6 | | | | | | | | | 7.7 | 4.2 |
| S | 4.5 | 3.2 | 1.9 | 1.3 | | | | | | | | 11.0 | 5.2 |
| SSW | 1.9 | 1.9 | 2.6 | .6 | | | | | | | | 7.1 | 5.9 |
| SW | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.8 |
| WSW | 1.9 | 2.6 | .6 | | | | | | | | | 5.2 | 4.3 |
| W | 1.9 | 1.3 | .6 | | | | | | | | | 3.9 | 3.5 |
| WNW | .6 | | | | | | | | | | | .6 | 2.0 |
| NW | | .6 | | | | | | | | | | .6 | 4.0 |
| NNW | | .6 | | | | | | | | | | .6 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.7 | |
| | 27.7 | 26.5 | 12.9 | 2.6 | .6 | | | | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.9 | 1.3 | .1 | | | | | | | | 4.0 | 5.9 |
| NNE | 1.0 | 1.9 | .9 | .2 | | | | | | | | 3.9 | 5.5 |
| NE | .6 | 1.1 | 1.1 | .3 | | | | | | | | 3.1 | 6.5 |
| ENE | .4 | 1.4 | 1.2 | .1 | | | | | | | | 3.1 | 6.0 |
| E | .9 | 2.2 | 1.8 | .6 | .1 | | | | | | | 5.6 | 6.8 |
| ESE | 1.1 | 3.5 | 3.0 | .2 | | | | | | | | 7.7 | 6.1 |
| SE | 1.8 | 3.3 | 1.9 | .6 | | | | | | | | 7.5 | 6.0 |
| SSE | 1.8 | 2.7 | 2.7 | .8 | | | | | | | | 8.0 | 6.5 |
| S | 1.9 | 3.6 | 4.4 | 2.3 | .1 | | | | | | | 12.3 | 7.2 |
| SSW | 1.0 | 1.7 | 2.0 | .7 | | | | | | | | 5.4 | 6.8 |
| SW | .9 | 1.5 | 1.0 | .4 | .1 | | | | | | | 3.8 | 6.4 |
| WSW | 1.1 | 1.3 | .8 | .1 | | | | | | | | 3.3 | 5.1 |
| W | .8 | 1.4 | 1.0 | .2 | | | | | | | | 3.5 | 5.8 |
| WNW | .5 | .7 | .3 | | | | | | | | | 1.5 | 4.7 |
| NW | .4 | .4 | .8 | .2 | | | | | | | | 1.8 | 6.5 |
| NNW | .2 | .6 | .9 | .2 | | | | | | | | 1.9 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.7 | |
| | 15.0 | 29.1 | 25.1 | 6.9 | .2 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | JUN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 1.3 | | | | | | | | | | 2.0 | 4.3 |
| NNE | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| NE | | | | | | | | | | | | | |
| ENE | 1.3 | .7 | | | | | | | | | | 2.0 | 2.7 |
| E | 2.0 | 1.3 | .7 | | | | | | | | | 4.0 | 4.2 |
| ESE | | 1.3 | | | | | | | | | | 1.3 | 4.5 |
| SE | 2.7 | 3.3 | | | | | | | | | | 6.0 | 3.8 |
| SSE | 6.0 | 3.3 | | | | | | | | | | 9.3 | 3.5 |
| S | 2.7 | 3.3 | .7 | | | | | | | | | 6.7 | 4.2 |
| SSW | 2.7 | .7 | | | | | | | | | | 3.3 | 2.6 |
| SW | .7 | | | | | | | | | | | .7 | 2.0 |
| WSW | .7 | 2.0 | | | | | | | | | | 2.7 | 3.8 |
| W | 2.0 | .7 | | | | | | | | | | 2.7 | 2.8 |
| WNW | | .7 | | | | | | | | | | .7 | 4.0 |
| NW | | | | | | | | | | | | | |
| NNW | .7 | | | | | | | | | | | .7 | 3.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 56.7 | |
| | 23.3 | 18.7 | 1.3 | | | | | | | | | 100.0 | 1.6 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 03 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | .7 | .7 | | | | | | | | | 2.0 | 4.7 |
| NNE | .7 | 1.3 | .7 | | | | | | | | | 2.7 | 4.8 |
| NE | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| ENE | .7 | | | | | | | | | | | .7 | 1.0 |
| E | 2.0 | .7 | | | | | | | | | | 2.7 | 2.5 |
| ESE | 2.0 | 2.0 | | | | | | | | | | 4.0 | 3.3 |
| SE | 2.7 | 1.3 | .7 | | | | | | | | | 4.7 | 3.9 |
| SSE | 2.7 | .7 | .7 | | | | | | | | | 4.0 | 3.8 |
| S | 2.0 | 2.7 | .7 | | | | | | | | | 5.3 | 4.4 |
| SSW | 2.7 | .7 | | | | | | | | | | 3.3 | 3.2 |
| SW | | | | | | | | | | | | | |
| WSW | | 1.3 | | | | | | | | | | 1.3 | 4.5 |
| W | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 66.7 | |
| | 18.0 | 12.0 | 3.3 | | | | | | | | | 100.0 | 1.2 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 06 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | | .7 | | | | | | | | | 3.3 | 3.8 |
| NNE | .7 | 2.0 | .7 | | | | | | | | | 3.3 | 5.4 |
| NE | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| ENE | | .7 | | | | | | | | | | .7 | 4.0 |
| E | 1.3 | .7 | .7 | | | | | | | | | 2.7 | 3.8 |
| ESE | 2.0 | 2.0 | .7 | | | | | | | | | 4.7 | 4.0 |
| SE | .7 | 1.3 | | | | | | | | | | 2.0 | 3.3 |
| SSE | 2.0 | | 1.3 | | | | | | | | | 3.3 | 5.2 |
| S | .7 | 2.0 | .7 | | | | | | | | | 3.3 | 5.2 |
| SSW | 2.0 | 1.3 | | | | | | | | | | 3.3 | 3.2 |
| SW | | | | | | | | | | | | | |
| WSW | .7 | | | | | | | | | | | .7 | 2.0 |
| W | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| WNW | .7 | .7 | | | | | | | | | | 1.3 | 3.0 |
| NW | .7 | | | | | | | | | | | .7 | 2.0 |
| NNW | .7 | | | | | | | | | | | .7 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 67.3 | |
| | 17.3 | 10.7 | 4.7 | | | | | | | | | 100.0 | 1.3 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS)

09 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 4.0 | 3.3 | | | | | | | | | 8.0 | 6.3 |
| NNE | 1.3 | | 2.0 | .7 | | | | | | | | 4.0 | 7.5 |
| NE | .7 | .7 | 1.3 | | | | | | | | | 2.7 | 6.0 |
| ENE | 2.0 | 2.7 | .7 | | | | | | | | | 5.3 | 4.5 |
| E | 2.7 | 6.0 | 2.0 | | | | | | | | | 10.7 | 4.7 |
| ESE | .7 | 1.3 | .7 | .7 | | | | | | | | 3.3 | 7.0 |
| SE | .7 | 4.7 | .7 | | | | | | | | | 6.0 | 5.2 |
| SSE | | 1.3 | 3.3 | .7 | | | | | | | | 5.3 | 8.6 |
| S | 2.0 | 4.7 | 2.7 | 3.3 | | | | | | | | 12.7 | 7.5 |
| SSW | 1.3 | .7 | 1.3 | .7 | | | | | | | | 4.0 | 7.2 |
| SW | | .7 | 1.3 | | | | | | | | | 2.0 | 7.3 |
| WSW | 2.0 | 2.7 | .7 | | | | | | | | | 5.3 | 4.3 |
| W | 4.0 | 8.0 | 2.0 | | | | | | | | | 14.0 | 4.3 |
| WNW | .7 | 3.3 | | | | | | | | | | 4.0 | 4.5 |
| NW | 1.3 | 2.0 | | .7 | | | | | | | | 4.0 | 5.2 |
| NNW | .7 | 1.3 | | | | | | | | | | 2.0 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 20.7 | 44.0 | 22.0 | 6.7 | | | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | JUN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.3 | 2.0 | .7 | | | | | | | | 5.3 | 6.4 |
| NNE | | 2.0 | 4.0 | | | | | | | | | 6.0 | 7.6 |
| NE | .7 | 2.0 | .7 | .7 | | | | | | | | 4.0 | 6.2 |
| ENE | .7 | 2.7 | 2.0 | | | | | | | | | 5.3 | 5.9 |
| E | 2.7 | 1.3 | 3.3 | | | | | | | | | 7.3 | 5.9 |
| ESE | | 2.7 | .7 | .7 | | | | | | | | 4.0 | 6.7 |
| SE | .7 | 2.0 | 2.7 | | | | | | | | | 5.3 | 6.8 |
| SSE | 1.3 | 3.3 | 2.0 | | | | | | | | | 6.7 | 5.6 |
| S | 1.3 | 6.0 | 8.0 | 4.0 | | | | | | | | 19.3 | 8.0 |
| SSW | 1.3 | 6.7 | 2.0 | .7 | | | | | | | | 10.7 | 5.9 |
| SW | | .7 | 1.3 | | | | | | | | | 2.0 | 6.0 |
| WSW | .7 | 1.3 | 2.7 | | | | | | | | | 4.7 | 6.7 |
| W | 1.3 | 3.3 | 2.0 | | | | | | | | | 6.7 | 5.7 |
| WNW | .7 | 1.3 | | | | | | | | | | 2.0 | 3.3 |
| NW | .7 | 2.0 | .7 | | | | | | | | | 3.3 | 5.4 |
| NNW | .7 | 2.0 | 1.3 | | | | | | | | | 4.0 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 14.0 | 40.7 | 35.3 | 6.7 | | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | JUN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.0 | .7 | .7 | | | | | | | | 4.0 | 6.7 |
| NNE | .7 | 2.0 | | | | | | | | | | 2.7 | 4.5 |
| NE | | .7 | .7 | | | | | | | | | 1.3 | 6.5 |
| ENE | | 1.3 | .7 | | | | | | | | | 2.0 | 6.7 |
| E | 2.7 | 3.3 | 4.7 | 1.3 | | | | | | | | 12.0 | 6.7 |
| ESE | | 3.3 | 1.3 | | | | | | | | | 4.7 | 6.4 |
| SE | | 4.0 | 2.0 | | | | | | | | | 6.0 | 6.3 |
| SSE | 2.0 | 7.3 | 4.7 | .7 | | | | | | | | 14.7 | 6.1 |
| S | 1.3 | 2.0 | 10.0 | 4.0 | | | | | | | | 17.3 | 9.0 |
| SSW | .7 | 3.3 | 3.3 | 1.3 | | | | | | | | 8.7 | 7.7 |
| SW | .7 | 2.7 | 2.0 | .7 | | | | | | | | 6.0 | 6.8 |
| WSW | | 1.3 | 1.3 | | | | | | | | | 2.7 | 6.5 |
| W | 1.3 | 3.3 | 1.3 | | | | | | | | | 6.0 | 5.6 |
| WNW | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| NW | | 1.3 | .7 | | | | | | | | | 2.0 | 5.7 |
| NNW | 1.3 | | 1.3 | | | | | | | | | 2.7 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.0 | |
| | 12.0 | 38.7 | 34.7 | 8.7 | | | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | JUN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 1.3 | .7 | 1.3 | | | | | | | | 4.0 | 7.7 |
| NNE | .7 | .7 | | .7 | | | | | | | | 2.0 | 6.7 |
| NE | .7 | | | | | | | | | | | .7 | 3.0 |
| ENE | .7 | 1.3 | | | | | | | | | | 2.0 | 3.3 |
| E | | 2.7 | 1.3 | | | | | | | | | 4.0 | 6.8 |
| ESE | .7 | 2.7 | 2.0 | | | | | | | | | 5.3 | 6.0 |
| SE | 2.0 | 5.3 | 2.0 | | | | | | | | | 9.3 | 5.1 |
| SSE | .7 | 4.7 | 4.7 | | | | | | | | | 10.0 | 6.4 |
| S | 2.0 | 8.0 | 8.7 | | | | | | | | | 18.7 | 6.5 |
| SSW | 2.0 | 2.7 | 2.7 | | | | | | | | | 7.3 | 5.8 |
| SW | 2.7 | 3.3 | 2.0 | .7 | | | | | | | | 8.7 | 5.5 |
| WSW | 2.0 | 2.7 | .7 | | | | | | | | | 5.3 | 4.4 |
| W | 5.3 | 2.7 | | | | | | | | | | 8.0 | 3.0 |
| WNW | .7 | | | .7 | | | | | | | | 1.3 | 8.0 |
| NW | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| NNW | .7 | | | | | | | | | | | .7 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.3 | |
| | 22.7 | 38.0 | 24.7 | 3.3 | | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS)

21 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 2.0 | .7 | | | | | | | | | 2.7 | 5.8 |
| NNE | 1.3 | | .7 | .7 | | | | | | | | 2.7 | 5.8 |
| NE | | | .7 | | | | | | | | | .7 | 8.0 |
| ENE | .7 | .7 | | | | | | | | | | 1.3 | 3.0 |
| E | 1.3 | 2.7 | | | | | | | | | | 4.0 | 3.8 |
| ESE | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| SE | 4.0 | 4.0 | .7 | | | | | | | | | 8.7 | 3.9 |
| SSE | 5.3 | 2.0 | | | | | | | | | | 7.3 | 3.1 |
| S | 6.0 | 6.0 | 1.3 | | | | | | | | | 13.3 | 4.1 |
| SSW | 4.0 | 3.3 | | | | | | | | | | 7.3 | 3.2 |
| SW | 2.0 | .7 | | | | | | | | | | 2.7 | 3.3 |
| WSW | .7 | | | | | | | | | | | .7 | 2.0 |
| W | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| WNW | .7 | | | | | | | | | | | .7 | 2.0 |
| NW | | 1.3 | | | | | | | | | | 1.3 | 5.0 |
| NNW | .7 | | | | | | | | | | | .7 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 43.3 | |
| | 28.7 | 23.3 | 4.0 | .7 | | | | | | | | 100.0 | 2.2 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 1.6 | 1.1 | .3 | | | | | | | | 3.9 | 6.0 |
| NNE | .8 | 1.0 | 1.0 | .2 | | | | | | | | 3.1 | 6.1 |
| NE | .5 | .5 | .4 | .1 | | | | | | | | 1.5 | 5.3 |
| ENE | .7 | 1.2 | .4 | | | | | | | | | 2.4 | 4.6 |
| E | 1.8 | 2.3 | 1.6 | .2 | | | | | | | | 5.9 | 5.3 |
| ESE | .8 | 1.9 | .7 | .2 | | | | | | | | 3.6 | 5.3 |
| SE | 1.7 | 3.2 | 1.1 | | | | | | | | | 6.0 | 4.9 |
| SSE | 2.5 | 2.8 | 2.1 | .2 | | | | | | | | 7.6 | 5.4 |
| S | 2.2 | 4.3 | 4.1 | 1.4 | | | | | | | | 12.1 | 6.7 |
| SSW | 2.1 | 2.4 | 1.2 | .3 | | | | | | | | 6.0 | 5.3 |
| SW | .7 | 1.0 | .8 | .2 | | | | | | | | 2.7 | 5.7 |
| WSW | .8 | 1.4 | .7 | | | | | | | | | 2.9 | 4.9 |
| W | 2.2 | 2.3 | .7 | | | | | | | | | 5.2 | 4.2 |
| WNW | .5 | .8 | | .1 | | | | | | | | 1.4 | 4.2 |
| NW | .5 | .8 | .2 | .1 | | | | | | | | 1.6 | 4.8 |
| NNW | .7 | .4 | .3 | | | | | | | | | 1.4 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.7 | |
| | 19.6 | 28.2 | 16.2 | 3.2 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 — STATION
NEW ORLEANS, LOUISIANA — STATION NAME
73-77 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
00 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | .6 | | | | | | | | .6 | 15.0 |
| NNE | 1.3 | .6 | | | | | | | | | | 1.9 | 2.7 |
| NE | .6 | | | | | | | | | | | .6 | 2.0 |
| ENE | .6 | .6 | | | | | | | | | | 1.3 | 3.5 |
| E | | | | | | | | | | | | | |
| ESE | .6 | .6 | | | | | | | | | | 1.3 | 3.5 |
| SE | .6 | | | | | | | | | | | .6 | 1.0 |
| SSE | 2.6 | 1.3 | | | | | | | | | | 3.9 | 3.3 |
| S | .6 | 1.9 | | | | | | | | | | 2.6 | 3.8 |
| SSW | 3.9 | | | | | | | | | | | 3.9 | 2.3 |
| SW | 3.9 | .6 | | | | | | | | | | 4.5 | 2.3 |
| WSW | 1.9 | 1.9 | | | | | | | | | | 3.9 | 3.7 |
| W | 1.3 | 1.9 | | | | | | | | | | 3.2 | 3.8 |
| WNW | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| NW | .6 | | | | | | | | | | | .6 | 2.0 |
| NNW | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 68.4 | |
| | 21.3 | 9.7 | | .6 | | | | | | | | 100.0 | 1.0 |

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 03 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | | | | | | | | | | | .6 | 2.0 |
| NNE | 1.9 | | | | | | | | | | | 1.9 | 2.0 |
| NE | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | .6 | | | | | | | | | | | .6 | 2.0 |
| SE | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.3 |
| SSE | | | | | | | | | | | | | |
| S | 2.6 | .6 | | | | | | | | | | 3.2 | 2.6 |
| SSW | 1.9 | | | | | | | | | | | 1.9 | 1.7 |
| SW | .6 | .6 | .6 | | | | | | | | | 1.9 | 4.7 |
| WSW | .6 | | | | | | | | | | | .6 | 2.0 |
| W | 4.5 | 2.6 | | | | | | | | | | 7.1 | 2.8 |
| WNW | 1.3 | .6 | .6 | | | | | | | | | 2.6 | 4.8 |
| NW | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| NNW | .6 | | | | | | | | | | | .6 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 73.5 | |
| | 19.4 | 5.8 | 1.3 | | | | | | | | | 100.0 | .8 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| NNE | 1.9 | | | | | | | | | | | 1.9 | 2.3 |
| NE | 1.9 | | | | | | | | | | | 1.9 | 2.0 |
| ENE | | 1.3 | | | | | | | | | | 1.3 | 4.0 |
| E | | | | | | | | | | | | | |
| ESE | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| SE | .6 | | | | | | | | | | | .6 | 2.0 |
| SSE | | | | | | | | | | | | | |
| S | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| SSW | | .6 | | | | | | | | | | .6 | 4.0 |
| SW | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| WSW | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.0 |
| W | 3.9 | .6 | | | | | | | | | | 4.5 | 2.6 |
| WNW | 3.2 | | | | | | | | | | | 3.2 | 2.0 |
| NW | .6 | | | | | | | | | | | .6 | 2.0 |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 76.8 | |
| | 18.1 | 5.2 | | | | | | | | | | 100.0 | .6 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 09 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | 1.3 | | | | | | | | | | 5.2 | 3.0 |
| NNE | 1.9 | 4.5 | .6 | | | | | | | | | 7.1 | 4.7 |
| NE | .6 | | | | | | | | | | | .6 | 2.0 |
| ENE | .6 | 3.2 | .6 | | | | | | | | | 4.5 | 5.6 |
| E | .6 | 3.9 | 1.3 | | | | | | | | | 5.8 | 4.8 |
| ESE | .6 | 1.9 | | | | | | | | | | 2.6 | 4.0 |
| SE | | .6 | .6 | | | | | | | | | 1.3 | 7.5 |
| SSE | .6 | .6 | | | | | | | | | | 1.3 | 4.5 |
| S | 1.9 | 1.9 | .6 | | | | | | | | | 4.5 | 4.0 |
| SSW | 1.3 | .6 | 1.9 | | | | | | | | | 3.9 | 5.2 |
| SW | .6 | 2.6 | .6 | | | | | | | | | 3.9 | 5.0 |
| WSW | .6 | 2.6 | | | | | | | | | | 3.2 | 4.6 |
| W | 4.5 | 3.9 | 3.2 | | | | | | | | | 11.6 | 4.8 |
| WNW | 1.3 | 11.0 | .6 | | | | | | | | | 12.9 | 4.7 |
| NW | 4.5 | 6.5 | 3.9 | | | | | | | | | 14.8 | 4.8 |
| NNW | 2.6 | 3.2 | | | | | | | | | | 5.8 | 3.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.0 | |
| | 26.5 | 48.4 | 14.2 | | | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 12 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 3.9 | .6 | | | | | | | | | 5.8 | 4.7 |
| NNE | 1.9 | 3.9 | .6 | | | | | | | | | 6.5 | 4.1 |
| NE | .6 | 1.3 | .6 | .6 | | | | | | | | 3.2 | 6.8 |
| ENE | .6 | 3.2 | .6 | | | | | | | | | 4.5 | 5.4 |
| E | 1.3 | 3.2 | .6 | .6 | | | | | | | | 5.8 | 5.4 |
| ESE | .6 | 2.6 | 1.9 | | | | | | | | | 5.2 | 6.5 |
| SE | | | | 1.3 | | | | | | | | 1.3 | 12.0 |
| SSE | .6 | 1.3 | | | | | | | | | | 1.9 | 4.0 |
| S | 1.3 | 3.2 | 1.9 | | | | | | | | | 6.5 | 5.0 |
| SSW | | 2.6 | | | | | | | | | | 2.6 | 4.3 |
| SW | 1.3 | | 2.6 | | | | | | | | | 3.9 | 6.5 |
| WSW | 1.3 | 5.2 | 3.9 | .6 | | | | | | | | 11.0 | 6.0 |
| W | .6 | 9.0 | 5.2 | | | | | | | | | 14.8 | 6.3 |
| WNW | 1.3 | 1.3 | .6 | | | | | | | | | 3.2 | 4.2 |
| NW | 3.9 | 1.9 | .6 | .6 | | | | | | | | 7.1 | 4.7 |
| NNW | 1.3 | 3.9 | .6 | | | | | | | | | 5.8 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 11.0 | |
| | 18.1 | 46.5 | 20.6 | 3.9 | | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.3 | .6 | | | | | | | | | 3.2 | 4.6 |
| NNE | .6 | 1.9 | .6 | .6 | | | | | | | | 3.9 | 6.7 |
| NE | .6 | 1.3 | | | | | | | | | | 1.9 | 4.3 |
| ENE | 1.3 | 1.9 | 1.9 | | | | | | | | | 5.2 | 5.8 |
| E | 1.3 | 3.2 | | | | | | | | | | 4.5 | 4.1 |
| ESE | 1.3 | 1.9 | 3.9 | 1.3 | | | | | | | | 8.4 | 7.2 |
| SE | 1.3 | 3.9 | .6 | 1.3 | | | | | | | | 7.1 | 5.9 |
| SSE | | 3.2 | 1.9 | .6 | | | | | | | | 5.8 | 7.1 |
| S | 3.2 | 1.3 | 5.2 | .6 | | | | | | | | 10.3 | 6.4 |
| SSW | 1.3 | 3.9 | 2.6 | 1.3 | | | | | | | | 9.0 | 7.2 |
| SW | 1.9 | 3.2 | 1.9 | | | | | | | | | 7.1 | 5.0 |
| WSW | 1.9 | 3.9 | 3.9 | | | | | | | | | 9.7 | 6.1 |
| W | 3.9 | 6.5 | 1.3 | .6 | | | | | | | | 12.3 | 5.2 |
| WNW | 1.3 | 1.9 | 1.9 | | | | | | | | | 5.2 | 5.6 |
| NW | | 1.3 | .6 | | | | | | | | | 1.9 | 5.7 |
| NNW | | | .6 | | | | | | | | | .6 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 21.3 | 40.6 | 27.7 | 6.5 | | | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | | .6 | | | | | | | | | 1.9 | 5.0 |
| NNE | | | | | | | | | | | | | |
| NE | 1.9 | | | | | | | | | | | 1.9 | 3.0 |
| ENE | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| E | 1.9 | 4.5 | | | | | | | | | | 6.5 | 4.0 |
| ESE | 1.9 | 1.9 | 1.3 | | | | | | | | | 5.2 | 5.0 |
| SE | 1.3 | 2.6 | 1.3 | | | | | | | | | 5.2 | 5.3 |
| SSE | 2.6 | 3.2 | | | | | | | | | | 5.8 | 3.8 |
| S | 3.2 | 8.4 | 3.2 | | | | | | | | | 14.8 | 4.8 |
| SSW | 3.2 | 7.7 | .6 | | | | | | | | | 11.6 | 4.4 |
| SW | 3.9 | 5.8 | 1.3 | | | | | | | | | 11.0 | 4.1 |
| WSW | 2.6 | 7.7 | | | | | | | | | | 10.3 | 4.1 |
| W | 1.3 | 1.9 | | | | | | | | | | 3.2 | 4.0 |
| WNW | .6 | .6 | .6 | | | | | | | | | 1.9 | 5.0 |
| NW | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| NNW | 1.9 | 1.3 | | .6 | | | | | | | | 3.9 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 29.7 | 46.5 | 9.0 | .6 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 21 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | | | | | | | | | | | .6 | 2.0 |
| NNE | .6 | 1.3 | | | | | | | | | | 1.9 | 3.3 |
| NE | .6 | .6 | .6 | | | | | | | | | 1.9 | 5.0 |
| ENE | 1.9 | .6 | .6 | | | | | | | | | 3.2 | 4.6 |
| E | .6 | | | | | | | | | | | .6 | 2.0 |
| ESE | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| SE | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.8 |
| SSE | 3.9 | .6 | | | | | | | | | | 4.5 | 2.6 |
| S | 3.9 | 3.9 | | | | | | | | | | 7.7 | 3.5 |
| SSW | 3.9 | .6 | | | | | | | | | | 4.5 | 2.4 |
| SW | 3.9 | 2.6 | | | | | | | | | | 6.5 | 3.2 |
| WSW | 3.2 | 1.9 | | | | | | | | | | 5.2 | 3.0 |
| W | .6 | 1.3 | | | | | | | | | | 1.9 | 4.0 |
| WNW | 1.9 | .6 | | | | | | | | | | 2.6 | 2.8 |
| NW | | | | | | | | | | | | | |
| NNW | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 53.5 | |
| | 28.4 | 16.8 | 1.3 | | | | | | | | | 100.0 | 1.5 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | .9 | .2 | .1 | | | | | | | | 2.4 | 4.3 |
| NNE | 1.3 | 1.5 | .2 | .1 | | | | | | | | 3.1 | 4.2 |
| NE | 1.0 | .4 | .2 | .1 | | | | | | | | 1.7 | 4.0 |
| ENE | .7 | 1.5 | .5 | | | | | | | | | 2.7 | 5.1 |
| E | .7 | 1.9 | .2 | .1 | | | | | | | | 2.9 | 4.5 |
| ESE | .9 | 1.3 | .9 | .2 | | | | | | | | 3.2 | 5.6 |
| SE | .8 | 1.2 | .3 | .3 | | | | | | | | 2.7 | 5.4 |
| SSE | 1.3 | 1.3 | .2 | .1 | | | | | | | | 2.9 | 4.4 |
| S | 2.3 | 2.7 | 1.4 | .1 | | | | | | | | 6.4 | 4.6 |
| SSW | 1.9 | 2.0 | .6 | .2 | | | | | | | | 4.8 | 4.6 |
| SW | 2.2 | 1.9 | .9 | | | | | | | | | 5.0 | 4.2 |
| WSW | 1.8 | 3.1 | 1.0 | .1 | | | | | | | | 5.9 | 4.7 |
| W | 2.6 | 3.5 | 1.2 | .1 | | | | | | | | 7.3 | 4.7 |
| WNW | 1.5 | 2.0 | .6 | | | | | | | | | 4.1 | 4.3 |
| NW | 1.5 | 1.2 | .6 | .1 | | | | | | | | 3.5 | 4.5 |
| NNW | 1.0 | 1.1 | .2 | .1 | | | | | | | | 2.4 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 39.0 | |
| | 22.8 | 27.4 | 9.3 | 1.5 | | | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

LL WEATHER (CLASS) 00 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | .6 | | | | | | | | | | 1.9 | 3.7 |
| NNE | | 2.6 | | | | | | | | | | 2.6 | 4.0 |
| NE | .6 | | .6 | | | | | | | | | 1.3 | 5.0 |
| ENE | | 1.9 | .6 | | | | | | | | | 2.6 | 5.3 |
| E | | 1.9 | | | | | | | | | | 1.9 | 4.7 |
| ESE | 1.9 | | | | | | | | | | | 1.9 | 2.3 |
| SE | | .6 | | | | | | | | | | .6 | 5.0 |
| SSE | .6 | 1.3 | .6 | | | | | | | | | 2.6 | 4.5 |
| S | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| SSW | .6 | | | | | | | | | | | .6 | 2.0 |
| SW | .6 | | | | | | | | | | | .6 | 2.0 |
| WSW | 1.3 | .6 | | | | | | | | | | 1.9 | 3.3 |
| W | .6 | | | | | | | | | | | .6 | 2.0 |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | .6 | | | | | | | | | | | .6 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 78.7 | |
| | 9.7 | 9.7 | 1.9 | | | | | | | | | 100.0 | .8 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | AUG |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.3 | | | | | | | | | | 1.9 | 4.3 |
| NNE | | 1.3 | .6 | | | | | | | | | 1.9 | 5.7 |
| NE | .6 | | | | | | | | | | | .6 | 3.0 |
| ENE | | 1.3 | | | | | | | | | | 1.3 | 5.5 |
| E | 1.3 | 1.9 | | | | | | | | | | 3.2 | 4.4 |
| ESE | 1.3 | .6 | | | | | | | | | | 1.9 | 2.7 |
| SE | 1.3 | .6 | | | | | | | | | | 1.9 | 3.7 |
| SSE | .6 | | | | | | | | | | | .6 | 2.0 |
| S | .6 | 1.3 | | | | | | | | | | 1.9 | 3.3 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | 1.9 | .6 | | | | | | | | | | 2.6 | 2.5 |
| WNW | | .6 | | | | | | | | | | .6 | 4.0 |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 81.3 | |
| | 8.4 | 9.7 | .6 | | | | | | | | | 100.0 | .7 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 06 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | .6 | | | | | | | | | | 4.5 | 2.4 |
| NNE | 1.9 | 2.6 | | | | | | | | | | 4.5 | 3.3 |
| NE | 1.9 | 2.6 | | | | | | | | | | 4.5 | 3.9 |
| ENE | | .6 | .6 | | | | | | | | | 1.3 | 5.5 |
| E | 1.3 | .6 | | | | | | | | | | 1.9 | 3.0 |
| ESE | .6 | .6 | .6 | | | | | | | | | 1.9 | 5.7 |
| SE | .6 | 1.3 | | | | | | | | | | 1.9 | 4.3 |
| SSE | .6 | | | | | | | | | | | .6 | 2.0 |
| S | | | | | | | | | | | | | |
| SSW | .6 | | | | | | | | | | | .6 | 2.0 |
| SW | .6 | | | | | | | | | | | .6 | 2.0 |
| WSW | | .6 | | | | | | | | | | .6 | 5.0 |
| W | 1.9 | | | | | | | | | | | 1.9 | 2.0 |
| WNW | .6 | | | | | | | | | | | .6 | 1.0 |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 74.2 | |
| | 14.8 | 9.7 | 1.3 | | | | | | | | | 100.0 | .9 |

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 09 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 5.8 | .6 | | | | | | | | | 9.0 | 4.1 |
| NNE | 1.3 | 3.9 | 1.3 | | | | | | | | | 6.5 | 5.3 |
| NE | | 5.8 | 3.9 | | | | | | | | | 9.7 | 6.3 |
| ENE | | 3.9 | 1.3 | | | | | | | | | 5.2 | 5.5 |
| E | 5.8 | 5.2 | 3.2 | .6 | | | | | | | | 14.8 | 5.3 |
| ESE | 2.6 | 1.9 | .6 | | | | | | | | | 5.2 | 4.4 |
| SE | | .6 | .6 | | | | | | | | | 1.3 | 6.5 |
| SSE | 1.3 | 3.9 | .6 | | | | | | | | | 5.8 | 5.2 |
| S | 1.9 | 2.6 | | .6 | | | | | | | | 5.2 | 4.8 |
| SSW | .6 | 1.3 | 1.3 | | | | | | | | | 3.2 | 6.0 |
| SW | 1.3 | .6 | | | | | | | | | | 1.9 | 2.7 |
| WSW | .6 | 1.9 | | | | | | | | | | 2.6 | 4.3 |
| W | 3.2 | 3.9 | | | | | | | | | | 7.1 | 3.7 |
| WNW | 1.3 | 2.6 | | | | | | | | | | 3.9 | 3.8 |
| NW | 1.9 | .6 | .6 | | | | | | | | | 3.2 | 3.6 |
| NNW | 1.3 | .6 | | | | | | | | | | 1.9 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.5 | |
| | 25.8 | 45.2 | 14.2 | 1.3 | | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 12 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 2.6 | 1.9 | | | | | | | | | 6.5 | 5.4 |
| NNE | .6 | 1.9 | 1.3 | | | | | | | | | 3.9 | 5.8 |
| NE | | 1.3 | 3.2 | .6 | | | | | | | | 5.2 | 8.6 |
| ENE | .6 | 3.2 | 3.9 | .6 | | | | | | | | 8.4 | 7.3 |
| E | 1.9 | 7.7 | 7.7 | | | | | | | | | 17.4 | 6.0 |
| ESE | .6 | 6.5 | 2.6 | .6 | | | | | | | | 10.3 | 6.1 |
| SE | .6 | .6 | .6 | 1.3 | | | | | | | | 3.2 | 9.4 |
| SSE | | 1.9 | 1.9 | | | | | | | | | 3.9 | 7.2 |
| S | 3.2 | 5.8 | 1.9 | | | | | | | | | 11.0 | 4.3 |
| SSW | | 2.6 | 1.9 | | | | | | | | | 4.5 | 6.3 |
| SW | | 1.3 | | | | | | | | | | 1.3 | 6.0 |
| WSW | 1.3 | 2.6 | 1.3 | | | | | | | | | 5.2 | 4.9 |
| W | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.2 |
| WNW | 3.2 | .6 | .6 | | | | | | | | | 4.5 | 3.6 |
| NW | .6 | 1.9 | .6 | | | | | | | | | 3.2 | 5.2 |
| NNW | 1.3 | .6 | .6 | | | | | | | | | 2.6 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.8 | |
| | 18.1 | 42.6 | 30.3 | 3.2 | | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 15 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.6 | 1.9 | | | | | | | | | 5.8 | 5.7 |
| NNE | | 1.3 | | | | | | | | | | 1.3 | 4.5 |
| NE | | 2.6 | 1.3 | .6 | | | | | | | | 4.5 | 6.9 |
| ENE | .6 | 3.9 | .6 | 1.9 | | | | | | | | 7.1 | 7.4 |
| E | 3.2 | 6.5 | 3.2 | 1.3 | | | | | | | | 14.2 | 5.7 |
| ESE | 1.9 | 3.9 | 1.3 | .6 | | | | | | | | 7.7 | 5.4 |
| SE | .6 | 2.6 | 3.9 | | | | | | | | | 7.1 | 6.8 |
| SSE | | 2.6 | 2.6 | | | | | | | | | 5.2 | 6.0 |
| S | 2.6 | 3.2 | 2.6 | | | | | | | | | 8.4 | 5.6 |
| SSW | 1.9 | 3.9 | 1.9 | | | | | | | | | 7.7 | 5.1 |
| SW | .6 | 1.3 | 1.3 | | | | | | | | | 3.2 | 5.8 |
| WSW | 1.3 | .6 | 1.9 | | | | | | | | | 3.9 | 5.5 |
| W | .6 | 4.5 | 1.3 | | | | | | | | | 6.5 | 5.4 |
| WNW | .6 | 2.6 | .6 | | | | | | | | | 3.9 | 4.8 |
| NW | 1.9 | 1.3 | .6 | | | | | | | | | 3.9 | 3.7 |
| NNW | 1.3 | .6 | .6 | | | | | | | | | 2.6 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.1 | |
| | 18.7 | 43.9 | 25.8 | 4.5 | | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 18 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | .6 | 1.3 | | | | | | | | | 5.8 | 4.0 |
| NNE | 1.9 | | | | | | | | | | | 1.9 | 2.7 |
| NE | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.2 |
| ENE | 2.6 | 1.3 | .6 | | | | | | | | | 4.5 | 4.4 |
| E | 2.6 | 4.5 | .6 | 1.3 | | | | | | | | 9.0 | 5.6 |
| ESE | .6 | 5.2 | 1.9 | | | | | | | | | 7.7 | 5.0 |
| SE | 3.2 | 4.5 | 1.3 | | | | | | | | | 9.0 | 4.1 |
| SSE | 7.1 | 2.6 | | | | | | | | | | 9.7 | 3.1 |
| S | 2.6 | 6.5 | .6 | | | | | | | | | 9.7 | 4.1 |
| SSW | 1.9 | 3.2 | .6 | | | | | | | | | 5.8 | 4.0 |
| SW | 1.9 | .6 | | | | | | | | | | 2.6 | 2.8 |
| WSW | 3.2 | .6 | | | | | | | | | | 3.9 | 2.7 |
| W | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.2 |
| WNW | .6 | | | | | | | | | | | .6 | 2.0 |
| NW | | | | | | | | | | | | | |
| NNW | .6 | | | | | | | | | | | .6 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.6 | |
| | 36.8 | 32.3 | 7.1 | 1.3 | | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 21 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | .6 | | | | | | | | | | 1.9 | 3.3 |
| NNE | 1.9 | | .6 | | | | | | | | | 2.6 | 3.8 |
| NE | 1.9 | | | | | | | | | | | 1.9 | 2.0 |
| ENE | 1.3 | 1.9 | | | | | | | | | | 3.2 | 3.4 |
| E | 2.6 | 1.9 | 1.3 | | | | | | | | | 5.8 | 4.4 |
| ESE | 4.5 | 1.3 | .6 | | | | | | | | | 6.5 | 3.8 |
| SE | 3.2 | | | | | | | | | | | 3.2 | 2.4 |
| SSE | 3.2 | | | | | | | | | | | 3.2 | 2.0 |
| S | 2.6 | .6 | | | | | | | | | | 3.2 | 2.4 |
| SSW | 1.9 | | | | | | | | | | | 1.9 | 2.0 |
| SW | .6 | | | | | | | | | | | .6 | 2.0 |
| WSW | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.3 |
| W | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| WNW | .6 | | | | | | | | | | | .6 | 2.0 |
| NW | | | | | | | | | | | | | |
| NNW | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 60.0 | |
| | 29.0 | 8.4 | 2.6 | | | | | | | | | 100.0 | 1.3 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 1.9 | .7 | | | | | | | | | 4.7 | 4.3 |
| NNE | 1.0 | 1.7 | .5 | | | | | | | | | 3.1 | 4.5 |
| NE | .9 | 1.7 | 1.1 | .2 | | | | | | | | 3.9 | 5.7 |
| ENE | .6 | 2.3 | 1.0 | .3 | | | | | | | | 4.2 | 6.0 |
| E | 2.3 | 3.8 | 2.0 | .4 | | | | | | | | 8.5 | 5.4 |
| ESE | 1.8 | 2.5 | 1.0 | .2 | | | | | | | | 5.4 | 4.9 |
| SE | 1.2 | 1.4 | .8 | .2 | | | | | | | | 3.5 | 5.3 |
| SSE | 1.7 | 1.5 | .7 | | | | | | | | | 4.0 | 4.4 |
| S | 1.9 | 2.5 | .6 | .1 | | | | | | | | 5.1 | 4.3 |
| SSW | 1.0 | 1.4 | .7 | | | | | | | | | 3.1 | 4.8 |
| SW | .7 | .5 | .2 | | | | | | | | | 1.4 | 3.9 |
| WSW | 1.1 | 1.0 | .4 | | | | | | | | | 2.6 | 4.2 |
| W | 1.6 | 1.5 | .2 | | | | | | | | | 3.3 | 3.7 |
| WNW | .9 | .8 | .2 | | | | | | | | | 1.9 | 3.7 |
| NW | .6 | .5 | .2 | | | | | | | | | 1.3 | 4.1 |
| NNW | .8 | .2 | .2 | | | | | | | | | 1.2 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 42.9 | |
| | 20.2 | 25.2 | 10.5 | 1.3 | | | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 2.7 | 1.3 | 1.3 | | | | | | | | 7.3 | 6.4 |
| NNE | 3.3 | 2.0 | 2.0 | | | | | | | | | 7.3 | 4.8 |
| NE | 1.3 | | | .7 | | | | | | | | 2.0 | 5.3 |
| ENE | 3.3 | 1.3 | .7 | | | | | | | | | 5.3 | 3.6 |
| E | 2.7 | 2.0 | 1.3 | | | | | | | | | 6.0 | 4.6 |
| ESE | 2.0 | .7 | 1.3 | .7 | | .7 | | | | | | 5.3 | 7.6 |
| SE | .7 | .7 | .7 | | | | | | | | | 2.0 | 5.3 |
| SSE | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| S | .7 | | .7 | .7 | | | | | | | | 2.0 | 8.0 |
| SSW | .7 | | | | | | | | | | | .7 | 3.0 |
| SW | 1.3 | | | | | | | | | | | 1.3 | 1.5 |
| WSW | | .7 | | | | | | | | | | .7 | 4.0 |
| W | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | .7 | .7 | | | | | | | | | 1.3 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 56.0 | |
| | 20.7 | 10.7 | 8.7 | 3.3 | | .7 | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS 150

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS)

03 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 4.0 | 3.3 | .7 | | | | | | | | 10.7 | 5.6 |
| NNE | 2.7 | 2.7 | .7 | | | | | | | | | 6.0 | 4.3 |
| NE | 2.0 | | | | | | | | | | | 2.0 | 1.7 |
| ENE | | 4.0 | .7 | | | | | | | | | 4.7 | 5.1 |
| E | 2.0 | | .7 | .7 | | | | | | | | 3.3 | 5.8 |
| ESE | .7 | .7 | 1.3 | .7 | | | | | | | | 3.3 | 8.2 |
| SE | .7 | | .7 | | | | | | | | | 1.3 | 6.0 |
| SSE | | .7 | .7 | | .7 | | | | | | | 2.0 | 10.3 |
| S | .7 | | | .7 | | | | | | | | 1.3 | 7.0 |
| SSW | | | | .7 | | | | | | | | .7 | 12.0 |
| SW | .7 | | | | | | | | | | | .7 | 3.0 |
| WSW | | .7 | | | | | | | | | | .7 | 6.0 |
| W | | | | | | | | | | | | | |
| WNW | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| NW | 1.3 | | | | .7 | | | | | | | 2.0 | 7.7 |
| NNW | .7 | | | | | | | | | | | .7 | 1.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 59.3 | |
| | 15.3 | 12.7 | 8.0 | 3.3 | 1.3 | | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS 150

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 06 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 3.3 | 2.0 | | .7 | | | | | | | 8.0 | 6.0 |
| NNE | 5.3 | 4.7 | .7 | .7 | | | | | | | | 11.3 | 4.4 |
| NE | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| ENE | .7 | 1.3 | | | | | | | | | | 2.0 | 3.7 |
| E | | 2.7 | 1.3 | | | | | | | | | 4.0 | 5.8 |
| ESE | 1.3 | .7 | | | | | | | | | | 2.0 | 3.3 |
| SE | .7 | | | .7 | | | | | | | | 1.3 | 7.5 |
| SSE | | .7 | | | .7 | | | | | | | 1.3 | 11.0 |
| S | | | | | | | | | | | | | |
| SSW | | | .7 | | | | | | | | | .7 | 10.0 |
| SW | | | | | | | | | | | | | |
| WSW | | | .7 | | | | | | | | | .7 | 8.0 |
| W | | 1.3 | | | | | | | | | | 1.3 | 5.5 |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | 2.0 | .7 | .7 | .7 | | | | | | | | 4.0 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 62.0 | |
| | 12.7 | 16.0 | 6.0 | 2.0 | 1.3 | | | | | | | 100.0 | 2.1 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 09 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 4.0 | 5.3 | .7 | | | | | | | | 12.7 | 6.1 |
| NNE | .7 | 2.7 | 2.7 | .7 | | .7 | | | | | | 7.3 | 8.2 |
| NE | 1.3 | 4.7 | 4.7 | .7 | | | | | | | | 11.3 | 6.5 |
| ENE | 3.3 | 3.3 | 4.7 | .7 | | | | | | | | 12.0 | 5.8 |
| E | 2.0 | 2.0 | 6.0 | | | | | | | | | 10.0 | 7.2 |
| ESE | .7 | 2.0 | 2.0 | | | | | | | | | 4.7 | 6.4 |
| SE | 2.0 | 3.3 | 2.7 | | | | | | | | | 8.0 | 5.2 |
| SSE | | 1.3 | | 1.3 | | | | | | | | 2.7 | 9.0 |
| S | .7 | 1.3 | 2.7 | | | | | | | | | 4.7 | 6.6 |
| SSW | | 2.0 | 1.3 | | | | | | | | | 3.3 | 5.8 |
| SW | | 2.0 | | | | | | | | | | 2.0 | 4.7 |
| WSW | .7 | .7 | 1.3 | | | | | | | | | 2.7 | 6.0 |
| W | 2.0 | 2.0 | .7 | | | | | | | | | 4.7 | 4.3 |
| WNW | 2.0 | 1.3 | .7 | | | | | | | | | 4.0 | 3.8 |
| NW | 1.3 | .7 | .7 | .7 | | | | | | | | 3.3 | 6.4 |
| NNW | 1.3 | 1.3 | | | | | | | | | | 2.7 | 3.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 20.7 | 34.7 | 35.3 | 4.7 | | .7 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 3.3 | 3.3 | .7 | .7 | | | | | | | 10.0 | 7.1 |
| NNE | .7 | 3.3 | 2.0 | | | | | | | | | 6.0 | 6.2 |
| NE | 2.0 | 2.0 | 4.0 | 2.7 | | | | | | | | 10.7 | 8.0 |
| ENE | 2.0 | 6.0 | 2.7 | 1.3 | | | | | | | | 12.0 | 5.9 |
| E | .7 | | 3.3 | 2.7 | | | | | | | | 6.7 | 10.4 |
| ESE | 1.3 | .7 | 3.3 | 1.3 | | | | | | | | 6.7 | 7.7 |
| SE | .7 | 2.0 | 1.3 | | | | | | | | | 4.0 | 6.2 |
| SSE | 1.3 | 1.3 | 1.3 | 1.3 | .7 | | | | | | | 6.0 | 8.8 |
| S | 2.7 | 2.0 | 1.3 | .7 | | | | | | | | 6.7 | 5.1 |
| SSW | .7 | 2.0 | 2.7 | | | | | | | | | 5.3 | 7.0 |
| SW | | .7 | 2.0 | | | | | | | | | 2.7 | 7.8 |
| WSW | | 2.0 | 2.7 | | | | | | | | | 4.7 | 6.6 |
| W | .7 | .7 | | | | | | | | | | 1.3 | 4.0 |
| WNW | 1.3 | 2.0 | | | | | | | | | | 3.3 | 4.2 |
| NW | .7 | 1.3 | .7 | .7 | | | | | | | | 3.3 | 6.8 |
| NNW | | 2.0 | 3.3 | | | | | | | | | 5.3 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 16.7 | 31.3 | 34.0 | 11.3 | 1.3 | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.0 | 4.7 | 4.7 | .7 | .7 | | | | | | | 14.7 | 6.4 |
| NNE | 2.0 | 1.3 | 2.0 | | .7 | | | | | | | 6.0 | 7.2 |
| NE | | 1.3 | 2.0 | | | | | | | | | 3.3 | 6.4 |
| ENE | 1.3 | 3.3 | 4.0 | .7 | .7 | | | | | | | 10.0 | 7.5 |
| E | 2.0 | 4.7 | 5.3 | 1.3 | | | | | | | | 13.3 | 6.8 |
| ESE | 2.0 | 1.3 | 3.3 | 1.3 | | | | | | | | 8.0 | 7.4 |
| SE | 2.0 | .7 | 1.3 | | | | | | | | | 4.0 | 5.3 |
| SSE | | 1.3 | 1.3 | | .7 | | | | | | | 3.3 | 9.2 |
| S | 2.7 | 3.3 | 2.7 | | | | | | | | | 8.7 | 5.2 |
| SSW | 2.0 | 4.0 | 1.3 | | | | | | | | | 7.3 | 4.6 |
| SW | .7 | 1.3 | .7 | | | | | | | | | 2.7 | 4.5 |
| WSW | | .7 | 1.3 | | | | | | | | | 2.0 | 8.0 |
| W | .7 | 2.0 | | | | | | | | | | 2.7 | 3.5 |
| WNW | .7 | 1.3 | 1.3 | | | | | | | | | 3.3 | 5.8 |
| NW | .7 | .7 | 2.0 | | | | | | | | | 3.3 | 6.8 |
| NNW | 2.0 | .7 | 1.3 | | | | | | | | | 4.0 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 22.7 | 32.7 | 34.7 | 4.0 | 2.7 | | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 18 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 2.0 | .7 | | | .7 | | | | | | 6.0 | 6.2 |
| NNE | 4.7 | 2.0 | 2.0 | | .7 | | | | | | | 9.3 | 5.1 |
| NE | .7 | 3.3 | | | | | | | | | | 4.0 | 4.0 |
| ENE | 2.0 | | 1.3 | | | | | | | | | 3.3 | 4.8 |
| E | 6.0 | 6.7 | 1.3 | .7 | | | | | | | | 14.7 | 4.5 |
| ESE | 4.0 | 3.3 | 3.3 | .7 | | | | | | | | 11.3 | 5.6 |
| SE | 2.7 | 1.3 | .7 | | | | | | | | | 4.7 | 4.0 |
| SSE | 2.7 | .7 | 2.0 | | | | | | | | | 5.3 | 4.6 |
| S | 2.0 | 1.3 | .7 | | | | | | | | | 4.0 | 3.8 |
| SSW | 2.7 | 3.3 | .7 | | | | | | | | | 6.7 | 4.1 |
| SW | 2.0 | 1.3 | | | | | | | | | | 3.3 | 3.2 |
| WSW | 2.0 | .7 | | | | | | | | | | 2.7 | 2.8 |
| W | | | | | | | | | | | | | |
| WNW | .7 | | .7 | | | | | | | | | 1.3 | 5.0 |
| NW | .7 | .7 | 1.3 | | | | | | | | | 2.7 | 5.3 |
| NNW | 2.0 | .7 | | | | | | | | | | 2.7 | 3.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.0 | |
| | 37.3 | 27.3 | 14.7 | 1.3 | .7 | .7 | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 21 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.3 | 2.0 | | | .7 | | | | | | 5.3 | 8.4 |
| NNE | 1.3 | 2.7 | 1.3 | .7 | | | | | | | | 6.0 | 6.0 |
| NE | 1.3 | 1.3 | .7 | | | | | | | | | 3.3 | 4.0 |
| ENE | 1.3 | 1.3 | 1.3 | | | | | | | | | 4.0 | 4.8 |
| E | 4.7 | 2.7 | 1.3 | | .7 | | | | | | | 9.3 | 5.0 |
| ESE | 3.3 | 1.3 | 2.0 | | | | | | | | | 6.7 | 4.8 |
| SE | | 1.3 | 1.3 | | | | | | | | | 2.7 | 6.8 |
| SSE | 2.7 | | .7 | | | | | | | | | 3.3 | 3.0 |
| S | .7 | 2.0 | | | | | | | | | | 2.7 | 3.8 |
| SSW | 1.3 | .7 | | | | | | | | | | 2.0 | 3.0 |
| SW | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| WSW | .7 | .7 | | | | | | | | | | 1.3 | 3.0 |
| W | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| WNW | 1.3 | .7 | | | | | | | | | | 2.0 | 2.3 |
| NW | | | | | | | | | | | | | |
| NNW | | 1.3 | | | | | | | | | | 1.3 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 47.3 | |
| | 22.7 | 17.3 | 10.7 | .7 | .7 | .7 | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 3.2 | 2.8 | .5 | .2 | .2 | | | | | | 9.3 | 6.4 |
| NNE | 2.6 | 2.7 | 1.7 | .2 | .2 | .1 | | | | | | 7.4 | 5.7 |
| NE | 1.2 | 1.7 | 1.4 | .5 | | | | | | | | 4.7 | 6.0 |
| ENE | 1.7 | 2.6 | 1.9 | .3 | .1 | | | | | | | 6.7 | 5.7 |
| E | 2.5 | 2.6 | 2.6 | .7 | .1 | | | | | | | 8.4 | 6.1 |
| ESE | 1.9 | 1.3 | 2.1 | .6 | | .1 | | | | | | 6.0 | 6.5 |
| SE | 1.2 | 1.2 | 1.1 | .1 | | | | | | | | 3.5 | 5.5 |
| SSE | 1.0 | .7 | .7 | .3 | .3 | | | | | | | 3.2 | 7.1 |
| S | 1.2 | 1.2 | 1.0 | .2 | | | | | | | | 3.7 | 5.4 |
| SSW | .9 | 1.5 | .8 | .1 | | | | | | | | 3.3 | 5.3 |
| SW | .7 | .7 | .3 | | | | | | | | | 1.7 | 4.2 |
| WSW | .4 | .7 | .7 | | | | | | | | | 1.9 | 5.6 |
| W | .7 | .7 | .1 | | | | | | | | | 1.6 | 3.7 |
| WNW | .9 | .7 | .3 | | | | | | | | | 1.9 | 4.1 |
| NW | .6 | .4 | .6 | .2 | .1 | | | | | | | 1.8 | 6.5 |
| NNW | 1.0 | .9 | .7 | .1 | | | | | | | | 2.7 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.9 | |
| | 21.1 | 22.8 | 19.0 | 3.8 | 1.0 | .3 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 5.8 | 1.9 | 1.3 | | | | | | | | 9.7 | 6.3 |
| NNE | .6 | 4.5 | 2.6 | | | | | | | | | 7.7 | 5.7 |
| NE | .6 | 1.3 | .6 | | | | | | | | | 2.6 | 5.0 |
| ENE | .6 | 1.3 | .6 | | | | | | | | | 2.6 | 4.3 |
| E | 2.6 | 1.9 | .6 | | | | | | | | | 5.2 | 3.9 |
| ESE | 2.6 | 1.9 | .6 | | | | | | | | | 5.2 | 3.5 |
| SE | 3.2 | .6 | .6 | | | | | | | | | 4.5 | 4.0 |
| SSE | .6 | | | | | | | | | | | .6 | 1.0 |
| S | | .6 | | | | | | | | | | .6 | 5.0 |
| SSW | 1.3 | .6 | | | | | | | | | | 1.9 | 3.0 |
| SW | 1.9 | | | | | | | | | | | 1.9 | 2.0 |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| NW | | | .6 | | | | | | | | | .6 | 10.0 |
| NNW | | | | .6 | | | | | | | | .6 | 14.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 54.8 | |
| | 16.1 | 18.7 | 8.4 | 1.9 | | | | | | | | 100.0 | 2.2 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 2.6 | 2.6 | 1.3 | | | | | | | | 9.7 | 6.2 |
| NNE | 3.2 | 5.2 | | | | | | | | | | 8.4 | 4.1 |
| NE | 1.3 | .6 | 1.9 | | | | | | | | | 3.9 | 6.0 |
| ENE | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.8 |
| E | 2.6 | 1.3 | .6 | | | | | | | | | 4.5 | 3.6 |
| ESE | 1.3 | 2.6 | .6 | | | | | | | | | 4.5 | 4.6 |
| SE | 1.3 | .6 | | | | | | | | | | 1.9 | 3.0 |
| SSE | | 1.3 | .6 | | | | | | | | | 1.9 | 6.3 |
| S | 1.3 | .6 | | | | | | | | | | 1.9 | 2.7 |
| SSW | | | | | | | | | | | | | |
| SW | | | .6 | | | | | | | | | .6 | 8.0 |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | .6 | | .6 | | | | | | | | | 1.3 | 5.0 |
| NNW | 1.3 | | 1.3 | .6 | | | | | | | | 3.2 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 55.5 | |
| | 17.4 | 16.1 | 9.0 | 1.9 | | | | | | | | 100.0 | 2.2 |

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS)

06 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | 4.5 | 3.2 | 1.3 | | | | | | | | 12.9 | 5.6 |
| NNE | 4.5 | 5.2 | 1.9 | .6 | | | | | | | | 12.3 | 4.8 |
| NE | 2.6 | .6 | 1.3 | | | | | | | | | 4.5 | 4.3 |
| ENE | .6 | .6 | .6 | | | | | | | | | 1.9 | 4.3 |
| E | 2.6 | .6 | | | | | | | | | | 3.2 | 3.0 |
| ESE | 1.3 | 1.9 | .6 | | | | | | | | | 3.9 | 4.3 |
| SE | .6 | .6 | .6 | | | | | | | | | 1.9 | 5.3 |
| SSE | .6 | | | | | | | | | | | .6 | 2.0 |
| S | .6 | | | .6 | | | | | | | | 1.3 | 8.0 |
| SSW | .6 | | | | | | | | | | | .6 | 3.0 |
| SW | | | .6 | | | | | | | | | .6 | 7.0 |
| WSW | .6 | | | | | | | | | | | .6 | 2.0 |
| W | .6 | .6 | | | | | | | | | | 1.3 | 4.0 |
| WNW | | .6 | | | | | | | | | | .6 | 4.0 |
| NW | | | | .6 | | | | | | | | .6 | 14.0 |
| NNW | .6 | | .6 | | | | | | | | | 1.3 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 51.6 | |
| | 20.0 | 15.5 | 9.7 | 3.2 | | | | | | | | 100.0 | 2.4 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 09 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 7.1 | 6.5 | 3.9 | | | | | | | | 18.1 | 7.4 |
| NNE | 1.3 | 4.5 | 4.5 | | | | | | | | | 10.3 | 6.3 |
| NE | 1.9 | 6.5 | 3.9 | 1.3 | | | | | | | | 13.5 | 6.1 |
| ENE | 1.9 | 7.1 | 4.5 | 2.6 | | | | | | | | 16.1 | 6.5 |
| E | 2.6 | 5.8 | 1.3 | | | | | | | | | 9.7 | 4.8 |
| ESE | .6 | 1.3 | 2.6 | | | | | | | | | 4.5 | 6.6 |
| SE | .6 | 3.2 | 3.2 | | | | | | | | | 7.1 | 6.5 |
| SSE | | .6 | .6 | .6 | | | | | | | | 1.9 | 8.7 |
| S | | | .6 | .6 | | | | | | | | 1.3 | 11.5 |
| SSW | .6 | .6 | .6 | | | | | | | | | 1.9 | 5.0 |
| SW | .6 | | | | | | | | | | | .6 | 2.0 |
| WSW | | 1.3 | .6 | | | | | | | | | 1.9 | 5.7 |
| W | | 1.3 | | | | | | | | | | 1.3 | 6.0 |
| WNW | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| NW | | .6 | .6 | | | | | | | | | 1.3 | 7.0 |
| NNW | .6 | 1.3 | .6 | 1.3 | | | | | | | | 3.9 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 12.9 | 41.3 | 30.3 | 10.3 | | | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 — STATION
NEW ORLEANS, LOUISIANA — STATION NAME
73-77 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
12 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 3.2 | 5.2 | .6 | | | | | | | | 9.7 | 7.4 |
| NNE | 1.3 | 2.6 | 2.6 | 1.3 | | | | | | | | 7.7 | 7.0 |
| NE | 1.9 | 4.5 | 3.2 | 1.9 | | | | | | | | 11.6 | 6.9 |
| ENE | | 3.9 | 3.2 | 1.3 | | | | | | | | 8.4 | 7.4 |
| E | 4.5 | 6.5 | 4.5 | .6 | | | | | | | | 16.1 | 5.8 |
| ESE | .6 | 5.8 | 3.2 | 3.2 | | | | | | | | 12.9 | 7.6 |
| SE | .6 | 2.6 | 3.2 | .6 | | | | | | | | 7.1 | 7.6 |
| SSE | | .6 | 1.9 | .6 | | | | | | | | 3.2 | 8.4 |
| S | | | 1.3 | .6 | | | | | | | | 1.9 | 10.3 |
| SSW | | | | .6 | | | | | | | | .6 | 11.0 |
| SW | | | | | | | | | | | | | |
| WSW | | 1.3 | 1.3 | | | | | | | | | 2.6 | 6.5 |
| W | 2.6 | | 1.3 | .6 | | | | | | | | 4.5 | 5.1 |
| WNW | .6 | .6 | 1.3 | | | | | | | | | 2.6 | 5.8 |
| NW | .6 | .6 | 1.3 | .6 | | | | | | | | 3.2 | 8.0 |
| NNW | | 2.6 | 1.9 | .6 | .6 | | | | | | | 5.8 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 13.5 | 34.8 | 35.5 | 13.5 | .6 | | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 15 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.9 | 3.9 | 1.3 | | | | | | | | 7.1 | 8.3 |
| NNE | .6 | 1.9 | 1.9 | .6 | | | | | | | | 5.2 | 7.6 |
| NE | | 3.2 | 5.8 | .6 | | | | | | | | 9.7 | 7.6 |
| ENE | .6 | 7.1 | 4.5 | .6 | | | | | | | | 12.9 | 6.6 |
| E | 2.6 | 3.9 | 6.5 | .6 | | | | | | | | 13.5 | 6.5 |
| ESE | .6 | 5.2 | 7.7 | .6 | | | | | | | | 14.2 | 7.2 |
| SE | .6 | .6 | 1.3 | .6 | | | | | | | | 3.2 | 7.4 |
| SSE | | .6 | 3.2 | | | | | | | | | 3.9 | 8.8 |
| S | 1.9 | 1.9 | .6 | .6 | | | | | | | | 5.2 | 5.1 |
| SSW | .6 | .6 | .6 | | | | | | | | | 1.9 | 6.0 |
| SW | .6 | | .6 | | | | | | | | | 1.3 | 4.5 |
| WSW | | 1.9 | | | | | | | | | | 1.9 | 5.7 |
| W | 1.3 | .6 | 1.3 | | | | | | | | | 3.2 | 4.6 |
| WNW | 1.3 | .6 | | .6 | | | | | | | | 2.6 | 6.5 |
| NW | | .6 | 2.6 | | | | | | | | | 3.2 | 7.6 |
| NNW | | 4.5 | 5.2 | | | | | | | | | 9.7 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 11.0 | 35.5 | 45.8 | 6.5 | | | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 18 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 7.1 | | .6 | | | | | | | | 10.3 | 4.8 |
| NNE | .6 | | | | | | | | | | | .6 | 2.0 |
| NE | .6 | | | | | | | | | | | .6 | 2.0 |
| ENE | 1.3 | 3.9 | 1.3 | | | | | | | | | 6.5 | 5.5 |
| E | 3.9 | 3.9 | 3.2 | | | | | | | | | 11.0 | 5.2 |
| ESE | 2.6 | 6.5 | 3.2 | | | | | | | | | 12.3 | 5.4 |
| SE | 3.2 | 3.9 | | | | | | | | | | 7.1 | 3.7 |
| SSE | .6 | 3.9 | .6 | | | | | | | | | 5.2 | 4.9 |
| S | | 1.3 | .6 | | | | | | | | | 1.9 | 5.7 |
| SSW | | .6 | | | | | | | | | | .6 | 6.0 |
| SW | 1.9 | | | .6 | | | | | | | | 2.6 | 4.8 |
| WSW | .6 | | | | | | | | | | | .6 | 2.0 |
| W | 1.3 | .6 | | | | | | | | | | 1.9 | 3.3 |
| WNW | .6 | | | .6 | | | | | | | | 1.3 | 7.0 |
| NW | .6 | .6 | | .6 | | | | | | | | 1.9 | 6.7 |
| NNW | .6 | 3.2 | .6 | .6 | | | | | | | | 5.2 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.3 | |
| | 21.3 | 35.5 | 9.7 | 3.2 | | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 2.6 | 5.2 | .6 | | | | | | | | 9.0 | 7.6 |
| NNE | 2.6 | 1.3 | 1.9 | | | | | | | | | 5.8 | 4.9 |
| NE | | 2.6 | .6 | | | | | | | | | 3.2 | 5.0 |
| ENE | 1.9 | 1.3 | .6 | | | | | | | | | 3.9 | 4.5 |
| E | 3.9 | 1.9 | 1.3 | | | | | | | | | 7.1 | 4.4 |
| ESE | 2.6 | 5.2 | .6 | | | | | | | | | 8.4 | 4.1 |
| SE | .6 | 2.6 | .6 | | | | | | | | | 3.9 | 5.3 |
| SSE | 1.3 | .6 | .6 | | | | | | | | | 2.6 | 4.8 |
| S | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| SSW | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| SW | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| WSW | .6 | | | | | | | | | | | .6 | 1.0 |
| W | .6 | | .6 | | | | | | | | | 1.3 | 6.0 |
| WNW | .6 | | .6 | | | | | | | | | 1.3 | 4.0 |
| NW | .6 | | | | | | | | | | | .6 | 2.0 |
| NNW | | .6 | | 1.9 | | | | | | | | 2.6 | 11.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 45.8 | |
| | 19.4 | 19.4 | 12.9 | 2.6 | | | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 4.4 | 3.5 | 1.4 | | | | | | | | 10.8 | 6.6 |
| NNE | 1.9 | 3.1 | 1.9 | .3 | | | | | | | | 7.3 | 5.6 |
| NE | 1.1 | 2.4 | 2.2 | .5 | | | | | | | | 6.2 | 6.2 |
| ENE | 1.0 | 3.3 | 1.9 | .6 | | | | | | | | 6.9 | 6.1 |
| E | 3.1 | 3.2 | 2.3 | .2 | | | | | | | | 8.8 | 5.1 |
| ESE | 1.5 | 3.8 | 2.4 | .5 | | | | | | | | 8.2 | 5.9 |
| SE | 1.4 | 1.9 | 1.2 | .2 | | | | | | | | 4.6 | 5.6 |
| SSE | .4 | 1.0 | 1.0 | .2 | | | | | | | | 2.5 | 6.5 |
| S | .6 | .6 | .4 | .3 | | | | | | | | 1.9 | 6.0 |
| SSW | .6 | .3 | .2 | .1 | | | | | | | | 1.1 | 4.8 |
| SW | .7 | .1 | .2 | .1 | | | | | | | | 1.1 | 4.1 |
| WSW | .2 | .6 | .2 | | | | | | | | | 1.0 | 5.0 |
| W | .8 | .4 | .4 | .1 | | | | | | | | 1.7 | 4.8 |
| WNW | .7 | .2 | .2 | .2 | | | | | | | | 1.4 | 4.9 |
| NW | .3 | .3 | .7 | .2 | | | | | | | | 1.6 | 7.4 |
| NNW | .4 | 1.5 | 1.3 | .7 | .1 | | | | | | | 4.0 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.8 | |
| | 16.5 | 27.1 | 20.2 | 5.4 | .1 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.7 | | 3.3 | | | | | | | | 6.7 | 9.1 |
| NNE | .7 | 2.7 | 2.7 | | | | | | | | | 6.0 | 5.6 |
| NE | | 1.3 | .7 | | | | | | | | | 2.0 | 6.7 |
| ENE | 1.3 | .7 | | | | | | | | | | 2.0 | 3.7 |
| E | 2.0 | 4.0 | .7 | .7 | | | | | | | | 7.3 | 5.2 |
| ESE | 1.3 | 2.0 | .7 | | | | | | | | | 4.0 | 5.3 |
| SE | 1.3 | 8.0 | | | | | | | | | | 9.3 | 4.6 |
| SSE | 1.3 | .7 | 2.0 | | | | | | | | | 4.0 | 6.2 |
| S | .7 | | 1.3 | .7 | | | | | | | | 2.7 | 7.8 |
| SSW | .7 | 2.0 | | | | | | | | | | 2.7 | 4.5 |
| SW | .7 | | .7 | | | | | | | | | 1.3 | 5.0 |
| WSW | .7 | | | | | | | | | | | .7 | 2.0 |
| W | | 1.3 | | | | | | | | | | 1.3 | 4.5 |
| WNW | 1.3 | 1.3 | | | | | | | | | | 2.7 | 4.0 |
| NW | | | .7 | .7 | | | | | | | | 1.3 | 10.5 |
| NNW | 1.3 | 2.0 | 2.0 | .7 | | | | | | | | 6.0 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 40.0 | |
| | 14.0 | 28.7 | 11.3 | 6.0 | | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 03 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.3 | 3.3 | 3.3 | .7 | | | | | | | | 10.7 | 5.5 |
| NNE | 1.3 | 4.7 | 1.3 | .7 | | | | | | | | 8.0 | 5.4 |
| NE | 1.3 | 2.7 | | | | | | | | | | 4.0 | 3.5 |
| ENE | | 2.0 | | | | | | | | | | 2.0 | 5.3 |
| E | 4.7 | .7 | 2.0 | | | | | | | | | 7.3 | 4.2 |
| ESE | 3.3 | 2.0 | .7 | | | | | | | | | 6.0 | 3.9 |
| SE | 2.0 | .7 | 3.3 | | | | | | | | | 6.0 | 5.7 |
| SSE | .7 | 2.7 | .7 | | | | | | | | | 4.0 | 5.5 |
| S | 1.3 | .7 | 1.3 | | | | | | | | | 3.3 | 5.2 |
| SSW | | .7 | .7 | | | | | | | | | 1.3 | 7.0 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | .7 | | | | | | | | | | .7 | 5.0 |
| WNW | 1.3 | .7 | | | | | | | | | | 2.0 | 3.7 |
| NW | 1.3 | .7 | .7 | .7 | | | | | | | | 3.3 | 5.4 |
| NNW | | 1.3 | .7 | 1.3 | | | | | | | | 3.3 | 9.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 38.0 | |
| | 20.7 | 23.3 | 14.7 | 3.3 | | | | | | | | 100.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 06 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.7 | 4.7 | .7 | | | | | | | | 9.3 | 7.1 |
| NNE | 2.0 | 4.0 | .7 | | | | | | | | | 6.7 | 4.8 |
| NE | 1.3 | 1.3 | 2.7 | | | | | | | | | 5.3 | 5.9 |
| ENE | 1.3 | | 1.3 | | | | | | | | | 2.7 | 4.8 |
| E | .7 | 2.0 | .7 | | | | | | | | | 3.3 | 5.2 |
| ESE | 2.0 | 3.3 | .7 | .7 | | | | | | | | 6.7 | 5.6 |
| SE | | 3.3 | .7 | | | | | | | | | 4.0 | 5.8 |
| SSE | 2.0 | 1.3 | | .7 | | | | | | | | 4.0 | 5.0 |
| S | | 1.3 | 2.0 | | | | | | | | | 3.3 | 7.0 |
| SSW | | 1.3 | | | | | | | | | | 1.3 | 4.5 |
| SW | | | .7 | | | | | | | | | .7 | 8.0 |
| WSW | | | | | | | | | | | | | |
| W | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| WNW | .7 | 2.7 | | | | | | | | | | 3.3 | 4.8 |
| NW | .7 | | 1.3 | .7 | | | | | | | | 2.7 | 7.8 |
| NNW | 2.0 | 1.3 | 1.3 | 1.3 | | | | | | | | 6.0 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.3 | |
| | 14.7 | 25.3 | 16.7 | 4.0 | | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 150

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 09 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.7 | 2.7 | 1.3 | | | | | | | | 8.0 | 7.3 |
| NNE | 2.0 | | 5.3 | 2.7 | | | | | | | | 10.0 | 8.7 |
| NE | .7 | 2.0 | 3.3 | | | | | | | | | 6.0 | 6.9 |
| ENE | 1.3 | 3.3 | 4.0 | .7 | | | | | | | | 9.3 | 6.6 |
| E | .7 | 4.7 | 5.3 | .7 | | | | | | | | 11.3 | 6.8 |
| ESE | 1.3 | 6.7 | 2.7 | 1.3 | | | | | | | | 12.0 | 6.2 |
| SE | | 2.7 | 2.0 | | | | | | | | | 4.7 | 5.9 |
| SSE | | 2.7 | 2.7 | 3.3 | | | | | | | | 8.7 | 9.2 |
| S | 2.0 | 2.0 | | .7 | | | | | | | | 4.7 | 5.3 |
| SSW | .7 | 1.3 | | | | | | | | | | 2.0 | 3.3 |
| SW | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| WSW | | | | | | | | | | | | | |
| W | 2.0 | 1.3 | | | | | | | | | | 3.3 | 3.4 |
| WNW | | | .7 | .7 | | | | | | | | 1.3 | 10.5 |
| NW | .7 | .7 | 2.7 | .7 | | | | | | | | 4.7 | 7.9 |
| NNW | .7 | 1.3 | 2.7 | 1.3 | | | | | | | | 6.0 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 14.0 | 32.0 | 34.0 | 13.3 | | | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 12 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.0 | 4.0 | 2.7 | | | | | | | | 9.3 | 8.4 |
| NNE | | 4.0 | 2.7 | .7 | | | | | | | | 7.3 | 7.1 |
| NE | | 2.0 | .7 | | | | | | | | | 2.7 | 6.3 |
| ENE | .7 | 2.7 | 2.0 | .7 | | | | | | | | 6.0 | 6.1 |
| E | .7 | 5.3 | 3.3 | .7 | | | | | | | | 10.0 | 6.8 |
| ESE | | 2.0 | 5.3 | 2.0 | | | | | | | | 9.3 | 8.7 |
| SE | .7 | | 4.0 | | | | | | | | | 4.7 | 6.9 |
| SSE | .7 | 1.3 | 2.7 | 2.0 | | | | | | | | 6.7 | 8.6 |
| S | | 1.3 | 6.0 | 3.3 | .7 | | | | | | | 11.3 | 10.7 |
| SSW | .7 | | 1.3 | 1.3 | | | | | | | | 3.3 | 9.0 |
| SW | | 1.3 | 2.0 | .7 | | | | | | | | 4.0 | 7.8 |
| WSW | 2.0 | 1.3 | .7 | | | | | | | | | 4.0 | 4.2 |
| W | | .7 | .7 | | | | | | | | | 1.3 | 7.0 |
| WNW | .7 | .7 | 1.3 | | | | | | | | | 2.7 | 5.8 |
| NW | .7 | 1.3 | 2.0 | 2.0 | | | | | | | | 6.0 | 8.8 |
| NNW | .7 | .7 | 4.7 | 2.0 | | | | | | | | 8.0 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 8.0 | 26.7 | 43.3 | 18.0 | .7 | | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 15 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 4.0 | 3.3 | 1.3 | | | | | | | | 10.7 | 6.9 |
| NNE | 1.3 | 2.7 | | .7 | | | | | | | | 4.7 | 5.3 |
| NE | .7 | 2.0 | .7 | | | | | | | | | 3.3 | 5.6 |
| ENE | | 4.0 | 3.3 | | | | | | | | | 7.3 | 6.5 |
| E | .7 | 4.0 | 4.0 | .7 | | | | | | | | 9.3 | 7.1 |
| ESE | | 1.3 | 4.0 | 1.3 | | | | | | | | 6.7 | 8.5 |
| SE | | 2.7 | 4.0 | .7 | | | | | | | | 7.3 | 7.5 |
| SSE | 1.3 | 2.0 | 4.0 | 1.3 | | | | | | | | 8.7 | 7.8 |
| S | .7 | 4.0 | 5.3 | 2.0 | | | | | | | | 12.0 | 8.2 |
| SSW | .7 | | .7 | 2.0 | | | | | | | | 3.3 | 10.6 |
| SW | | | 2.0 | | | | | | | | | 2.0 | 8.7 |
| WSW | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| W | .7 | | | .7 | | | | | | | | 1.3 | 7.0 |
| WNW | | 2.7 | 1.3 | | | | | | | | | 4.0 | 5.7 |
| NW | .7 | 2.0 | 4.0 | 2.0 | | | | | | | | 8.7 | 8.9 |
| NNW | 1.3 | .7 | 3.3 | 2.7 | | | | | | | | 8.0 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 10.7 | 32.7 | 40.0 | 15.3 | | | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 18 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 1.3 | .7 | .7 | | | | | | | | 5.3 | 5.4 |
| NNE | 1.3 | 3.3 | .7 | | | | | | | | | 5.3 | 5.0 |
| NE | 1.3 | | 1.3 | | | | | | | | | 2.7 | 6.0 |
| ENE | 1.3 | 2.7 | 1.3 | | | | | | | | | 5.3 | 4.9 |
| E | 4.7 | 2.7 | .7 | | | | | | | | | 8.0 | 3.7 |
| ESE | 2.0 | 8.0 | 2.7 | | | | | | | | | 12.7 | 5.4 |
| SE | 1.3 | 4.0 | 1.3 | | | | | | | | | 6.7 | 4.5 |
| SSE | 2.7 | 4.7 | 1.3 | .7 | | | | | | | | 9.3 | 5.1 |
| S | .7 | .7 | .7 | .7 | | | | | | | | 2.7 | 7.0 |
| SSW | 1.3 | 1.3 | .7 | .7 | | | | | | | | 4.0 | 6.2 |
| SW | | .7 | | | | | | | | | | .7 | 4.0 |
| WSW | .7 | 1.3 | | | | | | | | | | 2.0 | 4.3 |
| W | | | | | | | | | | | | | |
| WNW | 2.0 | 2.0 | | | | | | | | | | 4.0 | 3.5 |
| NW | | .7 | .7 | | | | | | | | | 1.3 | 6.0 |
| NNW | | 2.0 | 2.0 | 2.0 | | | | | | | | 6.0 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 24.0 | |
| | 22.0 | 35.3 | 14.0 | 4.7 | | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 150

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 21 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | 1.3 | 3.3 | 1.3 | | | | | | | | 6.0 | 8.6 |
| NNE | .7 | .7 | 2.0 | | | | | | | | | 3.3 | 6.6 |
| NE | .7 | 2.0 | | | | | | | | | | 2.7 | 4.0 |
| ENE | 2.0 | 1.3 | | | | | | | | | | 3.3 | 3.0 |
| E | 2.7 | 2.7 | 2.7 | | | | | | | | | 8.0 | 4.8 |
| ESE | 4.0 | 3.3 | 2.0 | .7 | | | | | | | | 10.0 | 4.7 |
| SE | 1.3 | 4.7 | 2.7 | | | | | | | | | 8.7 | 5.7 |
| SSE | .7 | | 1.3 | .7 | | | | | | | | 2.7 | 8.3 |
| S | 2.7 | .7 | .7 | .7 | | | | | | | | 4.7 | 5.3 |
| SSW | .7 | 1.3 | .7 | | | | | | | | | 2.7 | 4.5 |
| SW | | | | | | | | | | | | | |
| WSW | | 1.3 | .7 | | | | | | | | | 2.0 | 5.0 |
| W | 1.3 | .7 | .7 | | | | | | | | | 2.7 | 4.0 |
| WNW | | 1.3 | | .7 | | | | | | | | 2.0 | 8.3 |
| NW | | | .7 | | | | | | | | | .7 | 8.0 |
| NNW | .7 | 2.7 | 2.7 | 2.0 | | | | | | | | 8.0 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.7 | |
| | 17.3 | 24.0 | 20.0 | 6.0 | | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.5 | 2.7 | 1.5 | | | | | | | | 8.2 | 7.2 |
| NNE | 1.2 | 2.7 | 1.9 | .6 | | | | | | | | 6.4 | 6.3 |
| NE | .7 | 1.7 | 1.2 | | | | | | | | | 3.6 | 5.7 |
| ENE | 1.0 | 2.1 | 1.5 | .2 | | | | | | | | 4.7 | 5.6 |
| E | 2.1 | 3.2 | 2.4 | .3 | | | | | | | | 8.1 | 5.6 |
| ESE | 1.7 | 3.6 | 2.3 | .7 | | | | | | | | 8.4 | 6.1 |
| SE | .8 | 3.2 | 2.2 | .1 | | | | | | | | 6.4 | 5.7 |
| SSE | 1.2 | 1.9 | 1.8 | 1.1 | | | | | | | | 6.0 | 7.1 |
| S | 1.0 | 1.3 | 2.2 | 1.0 | .1 | | | | | | | 5.6 | 7.8 |
| SSW | .6 | 1.0 | .5 | .5 | | | | | | | | 2.6 | 6.6 |
| SW | .2 | .3 | .7 | .1 | | | | | | | | 1.2 | 6.8 |
| WSW | .5 | .6 | .2 | | | | | | | | | 1.2 | 4.1 |
| W | .6 | .7 | .2 | .1 | | | | | | | | 1.5 | 4.6 |
| WNW | .7 | 1.4 | .4 | .2 | | | | | | | | 2.7 | 5.3 |
| NW | .5 | .7 | 1.6 | .8 | | | | | | | | 3.6 | 8.1 |
| NNW | .8 | 1.5 | 2.4 | 1.7 | | | | | | | | 6.4 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.2 | |
| | 15.2 | 28.5 | 24.2 | 8.8 | .1 | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.9 | 1.9 | .6 | | | | | | | | 5.2 | 7.4 |
| NNE | 2.6 | 1.9 | 2.6 | .6 | | | | | | | | 7.7 | 5.9 |
| NE | | .6 | 1.9 | | | | | | | | | 2.6 | 7.0 |
| ENE | .6 | 1.3 | .6 | | | | | | | | | 2.6 | 5.0 |
| E | 1.9 | 3.2 | .6 | | | | | | | | | 5.8 | 4.3 |
| ESE | .6 | 1.9 | 1.3 | .6 | | | | | | | | 4.5 | 6.4 |
| SE | .6 | .6 | 1.9 | | | | | | | | | 3.2 | 6.6 |
| SSE | 1.9 | 3.9 | .6 | .6 | | | | | | | | 7.1 | 5.6 |
| S | 1.3 | 2.6 | 4.5 | .6 | | | | | | | | 9.0 | 6.9 |
| SSW | | 1.9 | .6 | | | | | | | | | 2.6 | 5.8 |
| SW | .6 | .6 | .6 | | | | | | | | | 1.9 | 4.3 |
| WSW | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.0 |
| W | 1.3 | .6 | | | | | | | | | | 1.9 | 3.7 |
| WNW | | .6 | 3.2 | .6 | | | | | | | | 4.5 | 8.3 |
| NW | | 1.3 | .6 | .6 | | | | | | | | 2.6 | 7.5 |
| NNW | 1.9 | .6 | 2.6 | .6 | | | | | | | | 5.8 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.7 | |
| | 16.1 | 25.2 | 23.9 | 5.2 | | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.9 | .6 | 1.3 | | | | | | | | 5.2 | 6.8 |
| NNE | 3.2 | 3.2 | 3.2 | | | | | | | | | 9.7 | 4.9 |
| NE | 2.6 | 1.3 | 2.6 | | | | | | | | | 6.5 | 4.7 |
| ENE | .6 | | | | | | | | | | | .6 | 2.0 |
| E | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.3 |
| ESE | 2.6 | 1.9 | 1.3 | | | | | | | | | 5.8 | 4.8 |
| SE | | 1.3 | 1.9 | .6 | | | | | | | | 3.9 | 7.3 |
| SSE | 1.3 | 2.6 | .6 | 1.3 | | | | | | | | 5.8 | 6.9 |
| S | | 2.6 | 3.2 | .6 | | | | | | | | 6.5 | 7.6 |
| SSW | | 1.9 | 1.3 | | | | | | | | | 3.2 | 6.4 |
| SW | | 1.9 | | .6 | | | | | | | | 2.6 | 6.5 |
| WSW | .6 | | | | | | | | | | | .6 | 3.0 |
| W | 1.3 | 1.9 | .6 | | | | | | | | | 3.9 | 4.2 |
| WNW | | | 1.9 | .6 | | | | | | | | 2.6 | 8.5 |
| NW | 1.9 | 3.2 | .6 | .6 | .6 | | | | | | | 7.1 | 6.6 |
| NNW | 1.3 | 1.3 | .6 | .6 | | | | | | | | 3.9 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.7 | |
| | 18.1 | 26.5 | 18.7 | 6.5 | .6 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.9 | 1.3 | .6 | | | | | | | | 4.5 | 7.1 |
| NNE | 3.9 | 3.9 | 2.6 | .6 | | | | | | | | 11.0 | 5.2 |
| NE | 1.3 | 3.2 | 1.3 | | | | | | | | | 5.8 | 5.0 |
| ENE | .6 | 1.3 | .6 | .6 | | | | | | | | 3.2 | 6.4 |
| E | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.2 |
| ESE | 1.3 | 3.2 | 2.6 | .6 | | | | | | | | 7.7 | 6.4 |
| SE | 1.3 | 1.9 | 1.3 | | | | | | | | | 4.5 | 5.0 |
| SSE | .6 | .6 | | .6 | | | | | | | | 1.9 | 7.0 |
| S | .6 | 1.9 | 2.6 | | | | | | | | | 5.2 | 5.9 |
| SSW | .6 | 1.3 | | | | | | | | | | 1.9 | 3.7 |
| SW | .6 | .6 | 1.3 | | | | | | | | | 2.6 | 6.3 |
| WSW | | | | | | | | | | | | | |
| W | 1.3 | 3.2 | .6 | | | | | | | | | 5.2 | 4.6 |
| WNW | .6 | .6 | 1.9 | .6 | | | | | | | | 3.9 | 8.0 |
| NW | .6 | 1.3 | | | | | | | | | | 1.9 | 4.3 |
| NNW | 1.3 | 3.9 | 1.3 | .6 | | | | | | | | 7.1 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.3 | |
| | 17.4 | 30.3 | 17.4 | 4.5 | | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 09 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.9 | 6.5 | 1.9 | | | | | | | | 11.6 | 7.6 |
| NNE | | 2.6 | 2.6 | 1.3 | | | | | | | | 6.5 | 7.6 |
| NE | 1.3 | 5.2 | 1.9 | 1.9 | | | | | | | | 10.3 | 6.8 |
| ENE | 1.9 | 2.6 | 1.3 | | | | | | | | | 5.8 | 4.7 |
| E | 1.3 | 3.9 | 3.2 | | .6 | | | | | | | 9.0 | 6.9 |
| ESE | 2.6 | 3.2 | 3.9 | .6 | | | | | | | | 10.3 | 6.3 |
| SE | 1.3 | 1.3 | 1.9 | .6 | | | | | | | | 5.2 | 6.5 |
| SSE | | 1.3 | 1.9 | 1.3 | | | | | | | | 4.5 | 9.3 |
| S | .6 | 1.9 | 1.9 | | | | | | | | | 4.5 | 6.0 |
| SSW | | | 1.3 | .6 | | | | | | | | 1.9 | 8.7 |
| SW | | .6 | 2.6 | .6 | | | | | | | | 3.9 | 8.7 |
| WSW | .6 | | 1.3 | .6 | | | | | | | | 2.6 | 7.8 |
| W | | 1.3 | .6 | .6 | | | | | | | | 2.6 | 7.5 |
| WNW | .6 | | 1.9 | .6 | | | | | | | | 3.2 | 8.0 |
| NW | .6 | .6 | 1.3 | 1.9 | | | | | | | | 4.5 | 9.6 |
| NNW | | .6 | 2.6 | 1.3 | | | | | | | | 4.5 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.0 | |
| | 12.3 | 27.1 | 36.8 | 14.2 | .6 | | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 12 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 3.9 | 3.9 | 2.6 | | | | | | | | 11.0 | 8.5 |
| NNE | | 3.2 | 3.2 | | | | | | | | | 6.5 | 6.6 |
| NE | .6 | 1.3 | .6 | | | | | | | | | 2.6 | 5.8 |
| ENE | 1.3 | 1.9 | 3.2 | | | | | | | | | 6.5 | 6.3 |
| E | .6 | 3.9 | 2.6 | 1.3 | | | | | | | | 8.4 | 7.2 |
| ESE | 2.6 | | 3.2 | 1.3 | | | | | | | | 7.1 | 7.3 |
| SE | | 2.6 | 1.9 | 1.3 | | | | | | | | 5.8 | 8.8 |
| SSE | | .6 | 3.2 | 1.9 | | | | | | | | 5.8 | 9.9 |
| S | | 1.9 | 3.2 | 2.6 | | | | | | | | 7.7 | 9.5 |
| SSW | | .6 | 3.2 | 2.6 | | | | | | | | 6.5 | 10.2 |
| SW | | 1.9 | | 2.6 | | | | | | | | 4.5 | 9.6 |
| WSW | .6 | 1.9 | | .6 | | | | | | | | 3.2 | 6.8 |
| W | | | .6 | .6 | | | | | | | | 1.3 | 10.0 |
| WNW | .6 | 1.3 | 2.6 | .6 | | | | | | | | 5.2 | 8.4 |
| NW | .6 | .6 | 3.2 | 1.9 | | | | | | | | 6.5 | 9.1 |
| NNW | | 1.9 | 5.2 | 1.9 | | | | | | | | 9.0 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 7.7 | 27.7 | 40.0 | 21.9 | | | | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 4.5 | 4.5 | .6 | | | | | | | | 11.6 | 6.4 |
| NNE | 1.3 | 1.3 | .6 | .6 | | | | | | | | 3.9 | 6.7 |
| NE | .6 | 1.3 | 1.3 | | | | | | | | | 3.2 | 6.6 |
| ENE | .6 | .6 | 1.9 | | | | | | | | | 3.2 | 6.2 |
| E | | 4.5 | 2.6 | .6 | | | | | | | | 7.7 | 6.4 |
| ESE | | 2.6 | 3.9 | .6 | | | | | | | | 7.1 | 7.4 |
| SE | .6 | | .6 | .6 | .6 | | | | | | | 2.6 | 12.3 |
| SSE | 1.3 | 2.6 | 5.2 | 1.9 | | | | | | | | 11.0 | 8.1 |
| S | | | 2.6 | 1.9 | | | | | | | | 4.5 | 10.7 |
| SSW | | 1.9 | 3.2 | 3.9 | | | | | | | | 9.0 | 9.8 |
| SW | | | .6 | | | | | | | | | .6 | 8.0 |
| WSW | .6 | | 1.3 | 2.6 | | | | | | | | 4.5 | 9.9 |
| W | | 1.3 | 2.6 | 1.3 | | | | | | | | 5.2 | 8.5 |
| WNW | | .6 | 3.9 | | | | | | | | | 4.5 | 7.9 |
| NW | | 1.9 | 3.9 | 1.9 | | | | | | | | 7.7 | 9.1 |
| NNW | 1.9 | 3.9 | 5.8 | .6 | .6 | | | | | | | 12.9 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .6 | |
| | 9.0 | 27.1 | 44.5 | 17.4 | 1.3 | | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 155

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS)

18 (HOURS (L.S.T.))

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 3.2 | 4.5 | .6 | | | | | | | | 9.0 | 6.7 |
| NNE | 1.9 | .6 | 1.3 | 1.3 | | | | | | | | 5.2 | 6.6 |
| NE | | .6 | .6 | | | | | | | | | 1.3 | 5.5 |
| ENE | | 1.9 | .6 | .6 | | | | | | | | 3.2 | 6.6 |
| E | 3.2 | 2.6 | .6 | | | | | | | | | 6.5 | 4.1 |
| ESE | 3.9 | 3.9 | 3.9 | | | | | | | | | 11.6 | 5.3 |
| SE | 1.3 | 1.9 | 1.9 | | | | | | | | | 5.2 | 5.8 |
| SSE | 4.5 | 2.6 | | .6 | | | | | | | | 7.7 | 4.2 |
| S | 1.9 | 2.6 | 1.9 | | | | | | | | | 6.5 | 5.4 |
| SSW | | 5.8 | 1.3 | | | | | | | | | 7.1 | 5.7 |
| SW | .6 | 1.3 | | | | | | | | | | 1.9 | 4.3 |
| WSW | .6 | | .6 | | .6 | | | | | | | 1.9 | 10.7 |
| W | 1.9 | 1.9 | | .6 | | | | | | | | 4.5 | 5.0 |
| WNW | | .6 | 1.3 | 1.3 | | | | | | | | 3.2 | 9.2 |
| NW | 1.3 | | | .6 | .6 | | | | | | | 2.6 | 9.5 |
| NNW | | 2.6 | 1.3 | | | | | | | | | 3.9 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.7 | |
| | 21.9 | 32.3 | 20.0 | 5.8 | 1.3 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

H2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS)

21 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 1.3 | 3.9 | .6 | | | | | | | | 8.4 | 6.2 |
| NNE | 1.3 | 3.9 | 3.2 | .6 | | | | | | | | 9.0 | 6.1 |
| NE | | .6 | .6 | | | | | | | | | 1.3 | 6.0 |
| ENE | .6 | 1.3 | 1.3 | | | | | | | | | 3.2 | 5.6 |
| E | .6 | 1.3 | | | | | | | | | | 1.9 | 4.0 |
| ESE | | 3.9 | 4.5 | | | | | | | | | 8.4 | 6.7 |
| SE | 1.3 | 2.6 | 1.9 | .6 | | | | | | | | 6.5 | 6.3 |
| SSE | 3.9 | .6 | 2.6 | | | | | | | | | 7.1 | 4.8 |
| S | .6 | 2.6 | 1.3 | .6 | | | | | | | | 5.2 | 6.3 |
| SSW | 3.9 | | 1.3 | | | | | | | | | 5.2 | 3.9 |
| SW | 1.9 | .6 | | | | | | | | | | 2.6 | 3.3 |
| WSW | .6 | 1.9 | | | | | | | | | | 2.6 | 4.0 |
| W | .6 | 1.3 | | | | | | | | | | 1.9 | 4.3 |
| WNW | .6 | 1.3 | | | | | | | | | | 1.9 | 4.0 |
| NW | .6 | .6 | 1.9 | | | | | | | | | 3.2 | 7.0 |
| NNW | | .6 | 2.6 | .6 | | | | | | | | 3.9 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 27.7 | |
| | 19.4 | 24.5 | 25.2 | 3.2 | | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 2.6 | 3.4 | 1.1 | | | | | | | | 8.3 | 7.1 |
| NNE | 1.6 | 2.6 | 2.4 | .6 | | | | | | | | 7.4 | 6.0 |
| NE | .8 | 1.8 | 1.4 | .2 | | | | | | | | 4.2 | 5.9 |
| ENE | .8 | 1.4 | 1.2 | .2 | | | | | | | | 3.5 | 5.7 |
| E | 1.4 | 2.7 | 1.2 | .2 | .1 | | | | | | | 5.6 | 5.5 |
| ESE | 1.7 | 2.6 | 3.1 | .5 | | | | | | | | 7.8 | 6.3 |
| SE | .8 | 1.5 | 1.7 | .5 | .1 | | | | | | | 4.6 | 7.0 |
| SSE | 1.7 | 1.9 | 1.8 | 1.0 | | | | | | | | 6.4 | 6.8 |
| S | .6 | 2.0 | 2.7 | .8 | | | | | | | | 6.1 | 7.3 |
| SSW | .6 | 1.7 | 1.5 | .9 | | | | | | | | 4.7 | 7.3 |
| SW | .5 | 1.0 | .6 | .5 | | | | | | | | 2.6 | 6.8 |
| WSW | .7 | .6 | .4 | .5 | .1 | | | | | | | 2.3 | 6.9 |
| W | .8 | 1.5 | .6 | .4 | | | | | | | | 3.3 | 5.8 |
| WNW | .3 | .6 | 2.1 | .6 | | | | | | | | 3.6 | 8.0 |
| NW | .7 | 1.2 | 1.5 | 1.0 | .2 | | | | | | | 4.5 | 8.1 |
| NNW | .8 | 1.9 | 2.7 | .8 | .1 | | | | | | | 6.4 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.5 | |
| | 15.2 | 27.6 | 28.3 | 9.8 | .5 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 1240

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | ALL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 2.2 | 2.3 | .9 | .0 | .0 | | | | | | 6.9 | 6.8 |
| NNE | 1.2 | 2.2 | 1.5 | .4 | .0 | .0 | | | | | | 5.3 | 6.0 |
| NE | .8 | 1.4 | 1.3 | .3 | .0 | | | | | | | 3.8 | 6.2 |
| ENE | .8 | 1.8 | 1.3 | .3 | .0 | | | | | | | 4.2 | 6.0 |
| E | 1.6 | 2.7 | 2.0 | .5 | .0 | | | | | | | 6.8 | 6.0 |
| ESE | 1.3 | 2.5 | 2.1 | .7 | | .0 | | | | | | 6.6 | 6.4 |
| SE | 1.1 | 2.2 | 1.6 | .5 | .0 | .0 | | | | | | 5.5 | 6.4 |
| SSE | 1.4 | 2.1 | 1.9 | .9 | .1 | .0 | | | | | | 6.4 | 6.8 |
| S | 1.4 | 2.5 | 2.5 | 1.3 | .1 | .0 | | | | | | 7.8 | 7.3 |
| SSW | .9 | 1.4 | 1.1 | .5 | .0 | .0 | | | | | | 4.0 | 6.7 |
| SW | .7 | .9 | .6 | .3 | .0 | | | | | | | 2.6 | 5.9 |
| WSW | .8 | 1.1 | .6 | .2 | .0 | | | | | | | 2.7 | 5.6 |
| W | 1.1 | 1.3 | .7 | .2 | .0 | | .0 | | | | | 3.4 | 5.4 |
| WNW | .7 | .9 | .6 | .2 | .0 | | | | | | | 2.3 | 5.8 |
| NW | .5 | .6 | .9 | .4 | .0 | | | | | | | 2.5 | 7.2 |
| NNW | .6 | 1.1 | 1.2 | .6 | .1 | .0 | | | | | | 3.6 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.6 | |
| | 16.3 | 27.2 | 22.1 | 8.2 | .6 | .1 | .0 | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 14607

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | ALL (MONTH)

INSTRUMENT (CLASS) | ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 2.8 | 3.1 | 1.5 | .2 | | | | | | | 8.6 | 7.7 |
| NNE | .9 | 2.2 | 1.8 | .8 | .1 | .1 | | | | | | 6.0 | 7.2 |
| NE | .6 | 1.3 | 1.9 | .4 | | | | | | | | 4.2 | 6.8 |
| ENE | .7 | 1.7 | 1.9 | .5 | | | | | | | | 4.9 | 6.7 |
| E | 1.0 | 1.8 | 2.0 | .2 | | | | | | | | 5.0 | 6.0 |
| ESE | .6 | 1.9 | 1.7 | .8 | | | | | | | | 5.1 | 7.1 |
| SE | .8 | 2.2 | 2.1 | 1.1 | .1 | | | | | | | 6.3 | 7.6 |
| SSE | .6 | 2.0 | 3.2 | 1.8 | .3 | .1 | | | | | | 8.0 | 8.6 |
| S | .9 | 2.1 | 3.8 | 2.2 | .5 | | | | | | | 9.5 | 8.9 |
| SSW | .3 | 1.2 | 2.0 | 1.2 | .1 | .1 | | | | | | 4.8 | 8.9 |
| SW | .5 | .8 | .9 | .6 | .1 | | | | | | | 2.9 | 7.4 |
| WSW | .6 | .6 | 1.0 | .6 | .1 | | | | | | | 3.0 | 7.7 |
| W | .7 | .9 | .5 | .4 | | | | | | | | 2.5 | 6.0 |
| WNW | .8 | .9 | .6 | .4 | | | | | | | | 2.8 | 6.3 |
| NW | .4 | .8 | 1.2 | .4 | | | | | | | | 2.9 | 7.3 |
| NNW | .4 | .8 | 1.6 | 1.1 | .2 | .1 | | | | | | 4.1 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.6 | |
| | 11.0 | 24.0 | 29.6 | 14.0 | 1.5 | .3 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 1694

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NWSD, Federal Building

Asheville, N. C.

# PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

## EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 1800<br>≥ 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| ≥ 1200<br>≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900<br>≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700<br>≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500<br>≥ 400 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| ≥ 300<br>≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100<br>≥ 0 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |

**EXAMPLE # 1** Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

**EXAMPLE # 2** Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

**EXAMPLE # 3** To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

# PART D

## ADDITIONAL EXAMPLES

**EXAMPLE # 4** Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

**EXAMPLE # 5** To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

# PART D SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| OKTAS | TENTHS |
|---|---|
| 0 | 0 |
| 1 | 1 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 8 |
| 7 | 9 |
| 8 (or obscured) | 10 |

H 2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 YEARS | JAN MONTH

00 HOURS (L S T)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 39.4 | 39.4 | 40.0 | 40.7 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.9 | 41.9 | 42.6 | 43.9 |
| ≥ 20000 | | 43.2 | 43.2 | 43.9 | 44.5 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.8 | 45.8 | 46.5 | 47.7 |
| ≥ 18000 | | 43.2 | 43.2 | 43.9 | 44.5 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.8 | 45.8 | 46.5 | 47.7 |
| ≥ 16000 | | 43.2 | 43.2 | 43.9 | 44.5 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.8 | 45.8 | 46.5 | 47.7 |
| ≥ 14000 | | 43.2 | 43.2 | 43.9 | 44.5 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.8 | 45.8 | 46.5 | 47.7 |
| ≥ 12000 | | 43.9 | 43.9 | 44.5 | 45.2 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 46.5 | 46.5 | 47.1 | 48.4 |
| ≥ 10000 | | 49.0 | 49.0 | 49.7 | 50.3 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.6 | 51.6 | 52.3 | 53.6 |
| ≥ 9000 | | 49.7 | 49.7 | 50.3 | 51.0 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 52.3 | 52.3 | 52.9 | 54.2 |
| ≥ 8000 | | 52.9 | 52.9 | 53.6 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 | 56.1 | 58.1 |
| ≥ 7000 | | 54.2 | 54.2 | 54.8 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 | 57.4 | 59.4 |
| ≥ 6000 | | 54.2 | 54.2 | 54.8 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 | 57.4 | 59.4 |
| ≥ 5000 | | 55.5 | 55.5 | 56.1 | 56.8 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 58.1 | 58.1 | 58.7 | 60.7 |
| ≥ 4500 | | 55.5 | 55.5 | 56.1 | 56.8 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 58.1 | 58.1 | 58.7 | 60.7 |
| ≥ 4000 | | 56.1 | 56.1 | 56.8 | 57.4 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.7 | 58.7 | 59.4 | 61.3 |
| ≥ 3500 | | 57.4 | 57.4 | 58.1 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 60.0 | 60.0 | 60.7 | 62.6 |
| ≥ 3000 | | 58.7 | 58.7 | 59.4 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.9 | 61.9 | 62.6 | 64.5 |
| ≥ 2500 | | 59.4 | 59.4 | 60.7 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 | 62.6 | 63.2 | 63.2 | 63.9 | 65.8 |
| ≥ 2000 | | 61.3 | 61.3 | 62.6 | 63.2 | 63.9 | 63.9 | 63.9 | 63.9 | 64.5 | 64.5 | 64.5 | 65.2 | 65.2 | 65.8 | 67.7 |
| ≥ 1800 | | 62.6 | 62.6 | 63.9 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.8 | 65.8 | 65.8 | 66.5 | 66.5 | 67.1 | 69.0 |
| ≥ 1500 | | 65.8 | 66.5 | 67.7 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.7 | 69.7 | 69.7 | 70.3 | 70.3 | 71.0 | 72.9 |
| ≥ 1200 | | 67.1 | 67.7 | 69.0 | 69.7 | 70.3 | 70.3 | 70.3 | 70.3 | 71.0 | 71.0 | 71.0 | 71.6 | 71.6 | 72.3 | 74.2 |
| ≥ 1000 | | 68.4 | 69.0 | 70.3 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.9 | 72.9 | 73.6 | 75.5 |
| ≥ 900 | | 69.7 | 70.3 | 71.6 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 73.6 | 73.6 | 73.6 | 74.2 | 74.2 | 74.8 | 76.8 |
| ≥ 800 | | 70.3 | 71.0 | 72.3 | 73.6 | 74.2 | 74.2 | 74.2 | 74.2 | 74.8 | 74.8 | 74.8 | 75.5 | 75.5 | 76.1 | 78.1 |
| ≥ 700 | | 71.6 | 72.3 | 73.6 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 76.1 | 76.1 | 76.1 | 76.8 | 76.8 | 77.4 | 79.4 |
| ≥ 600 | | 72.9 | 74.2 | 76.1 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 80.0 | 81.9 |
| ≥ 500 | | 72.9 | 74.2 | 76.8 | 78.1 | 78.7 | 79.4 | 79.4 | 79.4 | 80.7 | 80.7 | 80.7 | 81.3 | 81.3 | 81.9 | 83.9 |
| ≥ 400 | | 74.2 | 76.1 | 78.7 | 80.7 | 81.3 | 81.9 | 81.9 | 81.9 | 83.2 | 83.2 | 83.2 | 84.5 | 84.5 | 85.2 | 87.1 |
| ≥ 300 | | 74.8 | 77.4 | 80.0 | 81.9 | 82.6 | 84.5 | 84.5 | 84.5 | 86.5 | 86.5 | 86.5 | 88.4 | 88.4 | 89.0 | 91.0 |
| ≥ 200 | | 74.8 | 77.4 | 80.0 | 81.9 | 82.6 | 85.2 | 85.2 | 85.2 | 87.7 | 88.4 | 88.4 | 91.0 | 91.0 | 91.6 | 93.6 |
| ≥ 100 | | 74.8 | 77.4 | 80.0 | 81.9 | 82.6 | 85.8 | 86.5 | 86.5 | 89.7 | 90.3 | 90.3 | 92.9 | 92.9 | 95.5 | 97.4 |
| 0 | | 74.8 | 77.4 | 80.0 | 81.9 | 82.6 | 85.8 | 86.5 | 86.5 | 89.7 | 90.3 | 90.3 | 92.9 | 92.9 | 96.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JAN (MONTH)

03 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 32.3 | 32.9 | 33.6 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.8 | 34.8 | 34.8 | 35.5 | 35.5 | 35.5 | 38.1 |
| ≥ 20000 | | 34.2 | 34.8 | 35.5 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.8 | 36.8 | 36.8 | 37.4 | 37.4 | 37.4 | 40.0 |
| < 20000 | | 34.2 | 34.8 | 35.5 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.8 | 36.8 | 36.8 | 37.4 | 37.4 | 37.4 | 40.0 |
| ≥ 16000 | | 34.2 | 34.8 | 35.5 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.8 | 36.8 | 36.8 | 37.4 | 37.4 | 37.4 | 40.0 |
| < 16000 | | 34.2 | 34.8 | 35.5 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.8 | 36.8 | 36.8 | 37.4 | 37.4 | 37.4 | 40.0 |
| ≥ 12000 | | 34.8 | 35.5 | 36.1 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 37.4 | 37.4 | 37.4 | 38.1 | 38.1 | 38.1 | 40.7 |
| < 12000 | | 38.7 | 39.4 | 40.0 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 41.3 | 41.3 | 41.3 | 41.9 | 41.9 | 41.9 | 44.5 |
| ≥ 9000 | | 38.7 | 39.4 | 40.0 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 41.3 | 41.3 | 41.3 | 41.9 | 41.9 | 41.9 | 44.5 |
| < 9000 | | 43.9 | 44.5 | 45.2 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 46.5 | 46.5 | 46.5 | 47.1 | 47.1 | 47.1 | 49.7 |
| ≥ 7000 | | 46.5 | 47.1 | 47.7 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 | 52.3 |
| < 7000 | | 46.5 | 47.1 | 47.7 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 | 52.3 |
| ≥ 5000 | | 48.4 | 49.0 | 49.7 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 51.0 | 51.0 | 51.0 | 51.6 | 51.6 | 51.6 | 54.2 |
| < 5000 | | 49.7 | 51.0 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.9 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 | 56.1 |
| ≥ 4000 | | 51.0 | 52.3 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 54.2 | 54.2 | 54.2 | 54.8 | 54.8 | 54.8 | 57.4 |
| < 4000 | | 52.3 | 53.6 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 | 55.5 | 56.1 | 56.1 | 56.1 | 58.7 |
| ≥ 3000 | | 52.3 | 53.6 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 | 56.8 | 59.4 |
| < 3000 | | 54.2 | 55.5 | 56.1 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 58.1 | 58.1 | 58.1 | 58.7 | 58.7 | 58.7 | 61.3 |
| ≥ 2000 | | 55.5 | 56.8 | 57.4 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 59.4 | 59.4 | 59.4 | 60.0 | 60.0 | 60.0 | 62.6 |
| < 2000 | | 55.5 | 56.8 | 57.4 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 59.4 | 59.4 | 59.4 | 60.0 | 60.0 | 60.0 | 62.6 |
| ≥ 1500 | | 60.0 | 61.3 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 64.5 | 64.5 | 64.5 | 65.2 | 65.2 | 65.2 | 67.7 |
| < 1500 | | 63.2 | 64.5 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 67.7 | 67.7 | 67.7 | 68.4 | 68.4 | 68.4 | 71.0 |
| ≥ 1000 | | 65.2 | 67.1 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 70.3 | 70.3 | 70.3 | 71.0 | 71.0 | 71.0 | 73.6 |
| < 1000 | | 65.8 | 67.7 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 71.0 | 71.0 | 71.0 | 71.6 | 71.6 | 71.6 | 74.2 |
| ≥ 800 | | 67.1 | 69.0 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 72.9 | 72.9 | 72.9 | 73.6 | 73.6 | 73.6 | 76.1 |
| < 800 | | 67.7 | 69.7 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 73.6 | 73.6 | 73.6 | 74.2 | 74.2 | 74.2 | 76.8 |
| ≥ 600 | | 69.7 | 71.6 | 74.2 | 74.8 | 74.8 | 76.1 | 76.1 | 76.1 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 80.7 |
| < 600 | | 70.3 | 72.3 | 75.5 | 76.1 | 76.1 | 77.4 | 77.4 | 77.4 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 81.9 |
| ≥ 400 | | 71.6 | 73.6 | 76.8 | 77.4 | 77.4 | 79.4 | 80.0 | 80.0 | 81.3 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 84.5 |
| < 400 | | 72.3 | 74.2 | 77.4 | 78.1 | 78.1 | 80.0 | 80.7 | 80.7 | 82.6 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 85.8 |
| ≥ 200 | | 73.6 | 75.5 | 78.7 | 79.4 | 79.4 | 81.9 | 83.2 | 83.2 | 85.8 | 85.8 | 85.8 | 87.1 | 87.1 | 87.7 | 91.0 |
| < 200 | | 73.6 | 75.5 | 78.7 | 79.4 | 79.4 | 81.9 | 83.2 | 83.2 | 85.8 | 85.8 | 85.8 | 87.7 | 87.7 | 90.3 | 94.2 |
| 0 | | 73.6 | 75.5 | 78.7 | 79.4 | 79.4 | 81.9 | 83.2 | 83.2 | 85.8 | 85.8 | 85.8 | 87.7 | 87.7 | 91.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH) | 06 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 29.0 | 30.3 | 31.0 | 31.6 | 31.6 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 34.8 | 34.8 | 35.5 | 36.8 |
| ≥ 20000 | | 34.8 | 36.1 | 36.8 | 37.4 | 37.4 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 40.7 | 40.7 | 41.3 | 42.6 |
| AND 18000 | | 34.8 | 36.1 | 36.8 | 37.4 | 37.4 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 40.7 | 40.7 | 41.3 | 42.6 |
| AND 16000 | | 34.8 | 36.1 | 36.8 | 37.4 | 37.4 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 40.7 | 40.7 | 41.3 | 42.6 |
| AND 14000 | | 34.8 | 36.1 | 36.8 | 37.4 | 37.4 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 40.7 | 40.7 | 41.3 | 42.6 |
| AND 12000 | | 36.1 | 37.4 | 38.1 | 38.7 | 38.7 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 41.9 | 41.9 | 42.6 | 43.9 |
| AND 10000 | | 40.0 | 41.9 | 42.6 | 43.2 | 43.2 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 46.5 | 46.5 | 47.1 | 48.4 |
| AND 9000 | | 40.7 | 42.6 | 43.2 | 43.9 | 43.9 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 47.1 | 47.1 | 47.7 | 49.0 |
| AND 8000 | | 44.5 | 46.5 | 47.1 | 47.7 | 47.7 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 51.0 | 51.0 | 51.6 | 52.9 |
| AND 7000 | | 46.5 | 48.4 | 49.0 | 49.7 | 49.7 | 51.0 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 53.6 | 53.6 | 54.2 | 55.5 |
| AND 6000 | | 47.1 | 49.0 | 49.7 | 50.3 | 50.3 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 54.2 | 54.2 | 54.8 | 56.1 |
| AND 5000 | | 47.7 | 49.7 | 50.3 | 51.0 | 51.0 | 52.3 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 54.8 | 54.8 | 55.5 | 56.8 |
| AND 4500 | | 47.7 | 50.3 | 51.0 | 51.6 | 51.6 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 55.5 | 55.5 | 56.1 | 57.4 |
| AND 4000 | | 48.4 | 51.0 | 51.6 | 52.3 | 52.3 | 53.6 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 56.1 | 56.1 | 56.8 | 58.1 |
| AND 3500 | | 49.0 | 51.6 | 52.3 | 52.9 | 52.9 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 56.8 | 56.8 | 57.4 | 58.7 |
| AND 3000 | | 50.3 | 53.6 | 54.2 | 54.8 | 54.8 | 56.1 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 58.7 | 58.7 | 59.4 | 60.7 |
| AND 2500 | | 51.6 | 54.8 | 55.5 | 56.1 | 56.1 | 57.4 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 60.0 | 60.0 | 60.7 | 61.9 |
| AND 2000 | | 52.3 | 55.5 | 56.1 | 56.8 | 56.8 | 58.1 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 60.7 | 60.7 | 61.3 | 62.6 |
| AND 1800 | | 53.6 | 56.8 | 57.4 | 58.1 | 58.1 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 61.9 | 61.9 | 62.6 | 63.9 |
| AND 1500 | | 56.8 | 60.0 | 60.7 | 61.3 | 61.3 | 62.6 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 65.8 | 65.8 | 66.5 | 67.7 |
| AND 1200 | | 58.1 | 61.3 | 62.6 | 63.2 | 63.9 | 65.2 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 68.4 | 68.4 | 69.0 | 70.3 |
| AND 1000 | | 61.9 | 65.2 | 66.5 | 67.1 | 67.7 | 69.0 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 72.3 | 72.3 | 72.9 | 74.2 |
| AND 900 | | 61.9 | 65.2 | 66.5 | 67.1 | 67.7 | 69.0 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 72.3 | 72.3 | 72.9 | 74.2 |
| AND 800 | | 62.6 | 65.8 | 67.7 | 68.4 | 69.0 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 73.6 | 73.6 | 74.2 | 75.5 |
| AND 700 | | 63.2 | 66.5 | 68.4 | 69.0 | 69.7 | 71.0 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 74.2 | 74.2 | 74.8 | 76.1 |
| AND 600 | | 63.2 | 67.1 | 69.7 | 70.3 | 71.0 | 72.3 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 75.5 | 75.5 | 76.1 | 77.4 |
| AND 500 | | 65.2 | 69.7 | 72.3 | 72.9 | 73.6 | 74.8 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 78.1 | 78.1 | 78.7 | 80.0 |
| AND 400 | | 67.1 | 71.6 | 75.5 | 76.1 | 77.4 | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 81.9 | 81.9 | 82.6 | 83.9 |
| AND 300 | | 67.1 | 71.6 | 75.5 | 76.1 | 77.4 | 80.0 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 84.5 | 84.5 | 85.2 | 86.5 |
| AND 200 | | 67.7 | 72.3 | 76.1 | 76.8 | 78.1 | 80.7 | 82.6 | 82.6 | 84.5 | 84.5 | 84.5 | 87.7 | 87.7 | 89.7 | 91.0 |
| AND 100 | | 67.7 | 72.3 | 76.1 | 76.8 | 78.1 | 80.7 | 82.6 | 82.6 | 84.5 | 84.5 | 84.5 | 87.7 | 88.4 | 92.3 | 94.2 |
| AND 0 | | 67.7 | 72.3 | 76.1 | 76.8 | 78.1 | 80.7 | 82.6 | 82.6 | 84.5 | 84.5 | 84.5 | 87.7 | 88.4 | 92.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH) | 09 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 28.4 | 29.0 | 29.7 | 30.3 | 31.6 | 32.3 | 32.9 | 32.9 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 34.2 |
| ≥ 20000 | | 32.3 | 33.6 | 34.2 | 34.8 | 36.1 | 36.8 | 37.4 | 37.4 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 39.4 |
| ≥ 18000 | | 32.3 | 33.6 | 34.2 | 34.8 | 36.1 | 36.8 | 37.4 | 37.4 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 39.4 |
| ≥ 16000 | | 32.3 | 33.6 | 34.2 | 34.8 | 36.1 | 36.8 | 37.4 | 37.4 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 39.4 |
| ≥ 14000 | | 32.3 | 33.6 | 34.2 | 34.8 | 36.1 | 36.8 | 37.4 | 37.4 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 39.4 |
| ≥ 12000 | | 33.6 | 34.8 | 35.5 | 36.1 | 37.4 | 38.1 | 38.7 | 38.7 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.7 |
| ≥ 10000 | | 36.1 | 37.4 | 39.4 | 40.0 | 41.3 | 41.9 | 42.6 | 42.6 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 44.5 |
| ≥ 9000 | | 36.8 | 38.1 | 40.0 | 40.7 | 41.9 | 42.6 | 43.2 | 43.2 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 45.2 |
| ≥ 8000 | | 41.3 | 43.2 | 45.2 | 45.8 | 47.1 | 47.7 | 48.4 | 48.4 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 50.3 |
| ≥ 7000 | | 41.3 | 43.2 | 45.2 | 45.8 | 47.1 | 47.7 | 48.4 | 48.4 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 50.3 |
| ≥ 6000 | | 41.3 | 43.2 | 45.2 | 45.8 | 47.1 | 47.7 | 48.4 | 48.4 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 50.3 |
| ≥ 5000 | | 41.9 | 43.9 | 45.8 | 46.5 | 47.7 | 48.4 | 49.0 | 49.0 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 51.0 |
| ≥ 4500 | | 41.9 | 43.9 | 45.8 | 46.5 | 47.7 | 48.4 | 49.0 | 49.0 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 51.0 |
| ≥ 4000 | | 43.9 | 45.8 | 47.7 | 48.4 | 49.7 | 50.3 | 51.0 | 51.0 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.9 |
| ≥ 3500 | | 45.2 | 47.1 | 49.0 | 49.7 | 51.0 | 51.6 | 52.3 | 52.3 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 54.2 |
| ≥ 3000 | | 45.8 | 47.7 | 49.7 | 50.3 | 51.6 | 52.3 | 52.9 | 52.9 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.8 |
| ≥ 2500 | | 47.7 | 49.7 | 51.6 | 52.3 | 53.6 | 54.2 | 54.8 | 54.8 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 |
| ≥ 2000 | | 53.6 | 55.5 | 58.1 | 60.0 | 61.9 | 62.6 | 63.2 | 63.2 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 65.2 |
| ≥ 1800 | | 54.2 | 56.1 | 58.7 | 60.7 | 62.6 | 63.2 | 63.9 | 63.9 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.8 |
| ≥ 1500 | | 56.8 | 58.7 | 61.9 | 65.2 | 67.1 | 68.4 | 69.0 | 69.0 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 71.0 |
| ≥ 1200 | | 56.8 | 59.4 | 62.6 | 65.8 | 67.7 | 69.0 | 69.7 | 69.7 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.6 |
| ≥ 1000 | | 58.1 | 60.7 | 64.5 | 68.4 | 70.3 | 72.9 | 74.2 | 74.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 76.1 | 76.8 |
| ≥ 900 | | 58.1 | 60.7 | 64.5 | 68.4 | 70.3 | 72.9 | 74.2 | 74.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 76.1 | 76.8 |
| ≥ 800 | | 60.7 | 63.9 | 67.7 | 71.6 | 73.6 | 76.1 | 77.4 | 77.4 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 79.4 | 80.0 |
| ≥ 700 | | 63.2 | 66.5 | 70.3 | 74.2 | 76.1 | 78.7 | 80.0 | 80.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.9 | 82.6 |
| ≥ 600 | | 63.2 | 66.5 | 70.3 | 74.8 | 77.4 | 80.0 | 81.3 | 81.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 83.2 | 83.9 |
| ≥ 500 | | 64.5 | 67.7 | 71.6 | 76.1 | 78.7 | 81.3 | 82.6 | 82.6 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.5 | 85.2 |
| ≥ 400 | | 64.5 | 67.7 | 71.6 | 77.4 | 80.0 | 82.6 | 83.9 | 83.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.8 | 86.5 |
| ≥ 300 | | 64.5 | 67.7 | 71.6 | 78.1 | 81.3 | 83.9 | 85.2 | 85.2 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.7 | 88.4 |
| ≥ 200 | | 64.5 | 67.7 | 71.6 | 78.7 | 81.9 | 84.5 | 85.8 | 85.8 | 88.4 | 89.7 | 89.7 | 91.6 | 91.6 | 92.3 | 94.2 |
| ≥ 100 | | 64.5 | 67.7 | 71.6 | 78.7 | 81.9 | 84.5 | 85.8 | 85.8 | 88.4 | 89.7 | 89.7 | 92.9 | 92.9 | 94.8 | 97.4 |
| 0 | | 64.5 | 67.7 | 71.6 | 78.7 | 81.9 | 84.5 | 85.8 | 85.8 | 88.4 | 89.7 | 89.7 | 92.9 | 92.9 | 94.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH) | 12 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 31.0 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 32.3 |
| ≥ 20000 | | 40.0 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 41.3 |
| ≥ 18000 | | 40.0 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 41.3 |
| ≥ 16000 | | 40.0 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 41.3 |
| ≥ 14000 | | 40.7 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.9 |
| ≥ 12000 | | 40.7 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 42.6 |
| ≥ 10000 | | 43.9 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.8 |
| ≥ 9000 | | 44.5 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 46.5 |
| ≥ 8000 | | 51.0 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.9 |
| ≥ 7000 | | 52.9 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 |
| ≥ 6000 | | 53.6 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 56.1 |
| ≥ 5000 | | 56.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.7 |
| ≥ 4500 | | 56.8 | 58.7 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 60.0 |
| ≥ 4000 | | 56.8 | 59.4 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 |
| ≥ 3500 | | 57.4 | 60.0 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.9 |
| ≥ 3000 | | 58.1 | 60.7 | 61.9 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 63.2 |
| ≥ 2500 | | 59.4 | 62.6 | 63.9 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 65.2 |
| ≥ 2000 | | 63.2 | 66.5 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 69.0 |
| ≥ 1800 | | 63.9 | 67.1 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.7 |
| ≥ 1500 | | 68.4 | 72.3 | 73.6 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 75.5 |
| ≥ 1200 | | 73.6 | 78.1 | 79.4 | 80.7 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.6 |
| ≥ 1000 | | 78.1 | 83.2 | 84.5 | 85.8 | 86.5 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.4 |
| ≥ 900 | | 78.1 | 83.2 | 84.5 | 85.8 | 86.5 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.4 |
| ≥ 800 | | 78.7 | 83.9 | 85.2 | 86.5 | 87.1 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 89.0 |
| ≥ 700 | | 80.0 | 85.2 | 87.1 | 88.4 | 89.0 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 91.0 |
| ≥ 600 | | 80.7 | 85.8 | 87.7 | 90.3 | 91.0 | 91.6 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 94.2 |
| ≥ 500 | | 80.7 | 85.8 | 88.4 | 91.0 | 91.6 | 92.3 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.8 |
| ≥ 400 | | 80.7 | 85.8 | 89.0 | 92.3 | 92.9 | 94.2 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 |
| ≥ 300 | | 80.7 | 85.8 | 89.0 | 92.3 | 92.9 | 94.8 | 96.1 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 98.1 |
| ≥ 200 | | 80.7 | 85.8 | 89.0 | 92.3 | 92.9 | 94.8 | 96.1 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 98.1 |
| ≥ 100 | | 80.7 | 85.8 | 89.0 | 92.3 | 92.9 | 94.8 | 96.1 | 96.1 | 97.4 | 97.4 | 97.4 | 98.7 | 99.4 | 99.4 | 100.0 |
| 0 | | 80.7 | 85.8 | 89.0 | 92.3 | 92.9 | 94.8 | 96.1 | 96.1 | 97.4 | 97.4 | 97.4 | 98.7 | 99.4 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH) | 15 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 |
| ≥ 20000 | | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 |
| ≥ 18000 | | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 |
| ≥ 16000 | | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 |
| ≥ 14000 | | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 |
| ≥ 12000 | | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 10000 | | 49.7 | 49.7 | 49.7 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 9000 | | 49.7 | 49.7 | 49.7 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 8000 | | 56.8 | 58.1 | 58.1 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 7000 | | 59.4 | 61.3 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 6000 | | 60.0 | 61.9 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 5000 | | 61.3 | 63.2 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 4500 | | 61.9 | 63.9 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 4000 | | 62.6 | 65.8 | 67.1 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 3500 | | 63.2 | 66.5 | 67.7 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 3000 | | 66.5 | 70.3 | 71.6 | 72.3 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 2500 | | 70.3 | 74.2 | 76.1 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 2000 | | 74.2 | 78.7 | 80.7 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 1800 | | 74.8 | 79.4 | 81.3 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 1500 | | 78.1 | 82.6 | 84.5 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 1200 | | 79.4 | 83.9 | 85.8 | 87.1 | 87.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 1000 | | 81.3 | 87.1 | 89.7 | 91.0 | 91.6 | 92.9 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 900 | | 81.9 | 88.4 | 91.0 | 92.3 | 92.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 800 | | 81.9 | 88.4 | 91.0 | 92.9 | 93.6 | 94.6 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 700 | | 81.9 | 88.4 | 91.0 | 92.9 | 93.6 | 94.8 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 600 | | 81.9 | 88.4 | 91.0 | 92.9 | 93.6 | 95.5 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 500 | | 81.9 | 88.4 | 91.0 | 92.9 | 94.2 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 400 | | 81.9 | 88.4 | 91.0 | 92.9 | 94.2 | 96.8 | 97.4 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 300 | | 82.6 | 89.0 | 91.6 | 93.6 | 94.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | | 82.6 | 89.0 | 91.6 | 93.6 | 94.8 | 97.4 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 82.6 | 89.0 | 91.6 | 93.6 | 94.8 | 97.4 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 82.6 | 89.0 | 91.6 | 93.6 | 94.8 | 97.4 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH) | 18 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 43.2 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| ≥ 20000 | | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 18000 | | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 16000 | | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 14000 | | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 12000 | | 51.6 | 52.3 | 52.3 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 10000 | | 54.2 | 54.8 | 54.8 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 9000 | | 54.8 | 55.5 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 8000 | | 58.1 | 58.7 | 58.7 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 7000 | | 58.7 | 59.4 | 59.4 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 6000 | | 60.0 | 60.7 | 60.7 | 61.9 | 62.6 | 62.6 | 62.6 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 5000 | | 61.9 | 62.6 | 62.6 | 63.9 | 64.5 | 64.5 | 64.5 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 4500 | | 62.6 | 63.9 | 63.9 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 4000 | | 64.5 | 65.8 | 65.8 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 3500 | | 65.2 | 66.5 | 67.1 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 3000 | | 66.5 | 67.7 | 68.4 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 2500 | | 69.7 | 71.6 | 72.3 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 2000 | | 72.3 | 74.8 | 75.5 | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 1800 | | 72.9 | 75.5 | 76.1 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 1500 | | 75.5 | 78.1 | 78.7 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 1200 | | 78.1 | 81.3 | 81.9 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 1000 | | 79.4 | 83.2 | 83.9 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 900 | | 79.4 | 83.9 | 84.5 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 800 | | 80.0 | 84.5 | 85.2 | 87.7 | 88.4 | 89.0 | 89.0 | 89.0 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 700 | | 80.7 | 85.8 | 86.5 | 89.0 | 89.7 | 91.0 | 91.0 | 91.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 600 | | 81.3 | 86.5 | 87.1 | 91.0 | 91.6 | 92.9 | 92.9 | 92.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 500 | | 81.3 | 86.5 | 87.1 | 91.6 | 92.3 | 94.2 | 94.2 | 94.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 400 | | 81.3 | 86.5 | 87.1 | 92.3 | 92.9 | 95.5 | 95.5 | 95.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 300 | | 81.3 | 86.5 | 87.1 | 92.9 | 93.6 | 96.1 | 96.1 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 |
| ≥ 200 | | 81.9 | 87.1 | 87.7 | 93.6 | 94.2 | 96.8 | 96.8 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 |
| ≥ 100 | | 81.9 | 87.1 | 87.7 | 93.6 | 94.2 | 96.8 | 96.8 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 |
| ≥ 0 | | 81.9 | 87.1 | 87.7 | 93.6 | 94.2 | 96.8 | 96.8 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

NEW ORLEANS, LOUISIANA — STATION NAME | 73-77 — YEARS | JAN — MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

21 — HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 41.3 | 41.9 | 42.6 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.9 | 43.9 | 45.2 | 45.8 |
| ≥ 20000 | | 45.2 | 45.8 | 46.5 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.7 | 47.7 | 49.0 | 49.7 |
| ≥ 18000 | | 45.2 | 45.8 | 46.5 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.7 | 47.7 | 49.0 | 49.7 |
| ≥ 16000 | | 45.2 | 45.8 | 46.5 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.7 | 47.7 | 49.0 | 49.7 |
| ≥ 14000 | | 45.2 | 45.8 | 46.5 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.7 | 47.7 | 49.0 | 49.7 |
| ≥ 12000 | | 45.8 | 46.5 | 47.1 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 48.4 | 48.4 | 49.7 | 50.3 |
| ≥ 10000 | | 50.3 | 51.0 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.9 | 52.9 | 54.2 | 54.8 |
| ≥ 9000 | | 50.3 | 51.0 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.9 | 52.9 | 54.2 | 54.8 |
| ≥ 8000 | | 53.6 | 54.8 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 | 58.1 | 58.7 |
| ≥ 7000 | | 54.2 | 55.5 | 56.1 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 57.4 | 57.4 | 58.7 | 59.4 |
| ≥ 6000 | | 55.5 | 56.8 | 57.4 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.7 | 58.7 | 60.0 | 60.7 |
| ≥ 5000 | | 56.8 | 58.1 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 60.0 | 60.0 | 61.3 | 61.9 |
| ≥ 4500 | | 58.1 | 59.4 | 60.0 | 60.7 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.9 | 61.9 | 62.6 | 62.6 | 63.9 | 64.5 |
| ≥ 4000 | | 59.4 | 60.7 | 61.3 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 | 62.6 | 63.2 | 63.2 | 63.9 | 63.9 | 65.2 | 65.8 |
| ≥ 3500 | | 60.7 | 61.9 | 62.6 | 63.2 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 64.5 | 64.5 | 65.2 | 65.2 | 66.5 | 67.1 |
| ≥ 3000 | | 61.9 | 63.2 | 63.9 | 64.5 | 64.5 | 64.5 | 65.2 | 65.2 | 65.2 | 65.8 | 65.8 | 67.1 | 67.1 | 68.4 | 69.0 |
| ≥ 2500 | | 63.2 | 64.5 | 65.2 | 65.8 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 67.1 | 67.1 | 68.4 | 68.4 | 69.7 | 70.3 |
| ≥ 2000 | | 64.5 | 66.5 | 68.4 | 69.0 | 69.7 | 69.7 | 70.3 | 70.3 | 70.3 | 71.0 | 71.0 | 72.3 | 72.3 | 73.6 | 74.2 |
| ≥ 1800 | | 65.2 | 67.1 | 69.0 | 69.7 | 70.3 | 70.3 | 71.0 | 71.0 | 71.0 | 71.6 | 71.6 | 72.9 | 72.9 | 74.2 | 74.8 |
| ≥ 1500 | | 69.7 | 71.6 | 74.2 | 75.5 | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 78.7 | 78.7 | 80.0 | 80.7 |
| ≥ 1200 | | 70.3 | 72.3 | 74.8 | 76.1 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 79.4 | 79.4 | 80.7 | 81.3 |
| ≥ 1000 | | 71.0 | 72.9 | 75.5 | 76.8 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 | 80.0 | 80.0 | 81.3 | 81.9 |
| ≥ 900 | | 71.0 | 72.9 | 75.5 | 76.8 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 | 80.0 | 80.0 | 81.3 | 81.9 |
| ≥ 800 | | 72.9 | 74.8 | 77.4 | 78.7 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.7 | 80.7 | 81.9 | 81.9 | 83.2 | 83.9 |
| ≥ 700 | | 73.6 | 75.5 | 78.1 | 79.4 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 81.3 | 81.3 | 82.6 | 82.6 | 83.9 | 84.5 |
| ≥ 600 | | 74.8 | 76.8 | 79.4 | 80.7 | 81.9 | 82.6 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 | 85.2 | 85.2 | 86.5 | 87.1 |
| ≥ 500 | | 75.5 | 78.1 | 80.7 | 82.6 | 83.9 | 85.2 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 87.7 | 87.7 | 89.0 | 89.7 |
| ≥ 400 | | 76.8 | 79.4 | 81.9 | 84.5 | 85.8 | 87.7 | 88.4 | 88.4 | 88.4 | 89.0 | 89.0 | 90.3 | 90.3 | 91.6 | 92.3 |
| ≥ 300 | | 77.4 | 80.0 | 82.6 | 85.8 | 87.1 | 89.7 | 90.3 | 90.3 | 90.3 | 91.0 | 91.0 | 92.3 | 92.3 | 93.6 | 94.2 |
| ≥ 200 | | 77.4 | 80.0 | 82.6 | 85.8 | 87.1 | 89.7 | 91.0 | 91.0 | 92.3 | 93.6 | 93.6 | 94.8 | 94.8 | 96.8 | 97.4 |
| ≥ 100 | | 77.4 | 80.0 | 82.6 | 85.8 | 87.1 | 89.7 | 91.0 | 91.0 | 92.9 | 94.2 | 94.2 | 96.1 | 96.1 | 98.1 | 99.4 |
| 0 | | 77.4 | 80.0 | 82.6 | 85.8 | 87.1 | 89.7 | 91.0 | 91.0 | 92.9 | 94.2 | 94.2 | 96.1 | 96.1 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JAN (MONTH) | ALL (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 35.1 | 35.7 | 36.1 | 36.5 | 36.7 | 36.9 | 37.0 | 37.0 | 37.2 | 37.2 | 37.2 | 37.7 | 37.7 | 38.0 | 38.9 |
| ≥ 20000 | | 40.9 | 41.5 | 41.9 | 42.3 | 42.6 | 42.8 | 42.9 | 42.9 | 43.2 | 43.2 | 43.2 | 43.6 | 43.6 | 44.0 | 44.8 |
| ≥ 18000 | | 40.9 | 41.5 | 41.9 | 42.3 | 42.6 | 42.8 | 42.9 | 42.9 | 43.2 | 43.2 | 43.2 | 43.6 | 43.6 | 44.0 | 44.8 |
| ≥ 16000 | | 40.9 | 41.5 | 41.9 | 42.3 | 42.6 | 42.8 | 42.9 | 42.9 | 43.2 | 43.2 | 43.2 | 43.6 | 43.6 | 44.0 | 44.8 |
| ≥ 14000 | | 41.1 | 41.8 | 42.2 | 42.6 | 42.8 | 43.1 | 43.2 | 43.2 | 43.4 | 43.4 | 43.4 | 43.9 | 43.9 | 44.2 | 45.1 |
| ≥ 12000 | | 41.8 | 42.5 | 42.9 | 43.4 | 43.6 | 43.9 | 44.0 | 44.0 | 44.2 | 44.2 | 44.2 | 44.7 | 44.7 | 45.0 | 45.9 |
| ≥ 10000 | | 45.2 | 46.1 | 46.6 | 47.2 | 47.4 | 47.7 | 47.7 | 47.7 | 48.0 | 48.0 | 48.0 | 48.5 | 48.5 | 48.8 | 49.7 |
| ≥ 9000 | | 45.7 | 46.5 | 47.0 | 47.6 | 47.8 | 48.1 | 48.2 | 48.2 | 48.4 | 48.4 | 48.4 | 48.9 | 48.9 | 49.2 | 50.1 |
| ≥ 8000 | | 50.2 | 51.4 | 51.9 | 52.6 | 52.9 | 53.2 | 53.2 | 53.2 | 53.6 | 53.6 | 53.6 | 54.0 | 54.0 | 54.4 | 55.3 |
| ≥ 7000 | | 51.7 | 53.0 | 53.6 | 54.2 | 54.5 | 54.8 | 54.9 | 54.9 | 55.2 | 55.2 | 55.2 | 55.7 | 55.7 | 56.1 | 57.0 |
| ≥ 6000 | | 52.3 | 53.6 | 54.2 | 54.8 | 55.2 | 55.4 | 55.6 | 55.6 | 55.9 | 55.9 | 55.9 | 56.4 | 56.4 | 56.7 | 57.7 |
| ≥ 5000 | | 53.7 | 55.0 | 55.7 | 56.4 | 56.7 | 56.9 | 57.1 | 57.1 | 57.4 | 57.4 | 57.4 | 57.9 | 57.9 | 58.2 | 59.2 |
| ≥ 4500 | | 54.3 | 55.8 | 56.5 | 57.3 | 57.6 | 57.8 | 58.1 | 58.1 | 58.4 | 58.5 | 58.5 | 59.0 | 59.0 | 59.3 | 60.2 |
| ≥ 4000 | | 55.3 | 57.1 | 57.9 | 58.7 | 59.0 | 59.3 | 59.5 | 59.5 | 59.8 | 59.9 | 59.9 | 60.4 | 60.4 | 60.7 | 61.7 |
| ≥ 3500 | | 56.3 | 58.1 | 59.0 | 59.8 | 60.1 | 60.4 | 60.7 | 60.7 | 61.0 | 61.1 | 61.1 | 61.5 | 61.5 | 61.9 | 62.8 |
| ≥ 3000 | | 57.5 | 59.4 | 60.4 | 61.3 | 61.6 | 61.9 | 62.2 | 62.2 | 62.7 | 62.7 | 62.7 | 63.3 | 63.3 | 63.6 | 64.6 |
| ≥ 2500 | | 59.4 | 61.5 | 62.7 | 63.6 | 63.9 | 64.2 | 64.4 | 64.4 | 64.9 | 65.0 | 65.0 | 65.6 | 65.6 | 65.9 | 66.9 |
| ≥ 2000 | | 62.1 | 64.4 | 65.8 | 66.9 | 67.3 | 67.7 | 67.9 | 67.9 | 68.4 | 68.5 | 68.5 | 69.0 | 69.0 | 69.4 | 70.3 |
| ≥ 1800 | | 62.8 | 65.2 | 66.5 | 67.6 | 68.1 | 68.4 | 68.6 | 68.6 | 69.1 | 69.2 | 69.2 | 69.8 | 69.8 | 70.1 | 71.1 |
| ≥ 1500 | | 66.4 | 68.9 | 70.5 | 71.9 | 72.4 | 72.8 | 73.2 | 73.2 | 73.7 | 73.9 | 73.9 | 74.4 | 74.4 | 74.8 | 75.7 |
| ≥ 1200 | | 68.3 | 71.1 | 72.7 | 74.2 | 74.9 | 75.5 | 75.8 | 75.8 | 76.4 | 76.5 | 76.5 | 77.1 | 77.1 | 77.4 | 78.4 |
| ≥ 1000 | | 70.4 | 73.6 | 75.4 | 76.9 | 77.7 | 78.4 | 78.9 | 78.9 | 79.4 | 79.6 | 79.6 | 80.2 | 80.2 | 80.6 | 81.5 |
| ≥ 900 | | 70.7 | 74.0 | 75.9 | 77.4 | 78.2 | 78.9 | 79.4 | 79.4 | 79.9 | 80.1 | 80.1 | 80.7 | 80.7 | 81.1 | 82.0 |
| ≥ 800 | | 71.8 | 75.2 | 77.2 | 78.9 | 79.6 | 80.4 | 80.9 | 80.9 | 81.5 | 81.6 | 81.6 | 82.2 | 82.2 | 82.6 | 83.6 |
| ≥ 700 | | 72.7 | 76.2 | 78.3 | 80.0 | 80.7 | 81.6 | 82.1 | 82.1 | 82.7 | 82.8 | 82.8 | 83.4 | 83.4 | 83.8 | 84.8 |
| ≥ 600 | | 73.5 | 77.1 | 79.4 | 81.5 | 82.4 | 83.6 | 84.2 | 84.2 | 84.8 | 85.0 | 85.0 | 85.6 | 85.6 | 86.0 | 86.9 |
| ≥ 500 | | 74.0 | 77.8 | 80.4 | 82.7 | 83.6 | 85.1 | 85.7 | 85.7 | 86.4 | 86.5 | 86.5 | 87.1 | 87.1 | 87.5 | 88.5 |
| ≥ 400 | | 74.8 | 78.6 | 81.5 | 84.2 | 85.2 | 87.1 | 87.8 | 87.8 | 88.6 | 88.7 | 88.7 | 89.4 | 89.4 | 89.8 | 90.7 |
| ≥ 300 | | 75.1 | 79.0 | 81.9 | 84.8 | 86.0 | 88.3 | 89.1 | 89.1 | 90.2 | 90.4 | 90.4 | 91.2 | 91.3 | 91.7 | 92.7 |
| ≥ 200 | | 75.4 | 79.4 | 82.2 | 85.2 | 86.4 | 88.9 | 89.9 | 89.9 | 91.6 | 92.2 | 92.2 | 93.5 | 93.6 | 94.3 | 95.5 |
| ≥ 100 | | 75.4 | 79.4 | 82.2 | 85.2 | 86.4 | 89.0 | 90.1 | 90.1 | 91.9 | 92.5 | 92.5 | 94.3 | 94.5 | 96.1 | 97.7 |
| 0 | | 75.4 | 79.4 | 82.2 | 85.2 | 86.4 | 89.0 | 90.1 | 90.1 | 91.9 | 92.5 | 92.5 | 94.3 | 94.5 | 96.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH) | 00 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 56.7 | 57.5 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 59.6 | 59.6 | 60.3 | 60.3 |
| ≥ 20000 | | 59.6 | 60.3 | 61.0 | 61.0 | 61.0 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 63.1 | 63.1 | 63.8 | 63.8 |
| ≥ 18000 | | 59.6 | 60.3 | 61.0 | 61.0 | 61.0 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 63.1 | 63.1 | 63.8 | 63.8 |
| ≥ 16000 | | 59.6 | 60.3 | 61.0 | 61.0 | 61.0 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 63.1 | 63.1 | 63.8 | 63.8 |
| ≥ 14000 | | 59.6 | 60.3 | 61.0 | 61.0 | 61.0 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 63.1 | 63.1 | 63.8 | 63.8 |
| ≥ 12000 | | 59.6 | 60.3 | 61.0 | 61.0 | 61.0 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 63.1 | 63.1 | 63.8 | 63.8 |
| ≥ 10000 | | 65.3 | 66.0 | 66.7 | 66.7 | 66.7 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 68.8 | 68.8 | 69.5 | 69.5 |
| ≥ 9000 | | 65.3 | 66.0 | 67.4 | 67.4 | 67.4 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 69.5 | 69.5 | 70.2 | 70.2 |
| ≥ 8000 | | 70.2 | 70.9 | 72.3 | 72.3 | 72.3 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 74.5 | 74.5 | 75.2 | 75.2 |
| ≥ 7000 | | 71.6 | 72.3 | 73.8 | 73.8 | 73.8 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 75.9 | 75.9 | 76.6 | 76.6 |
| ≥ 6000 | | 71.6 | 72.3 | 73.8 | 73.8 | 73.8 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 75.9 | 75.9 | 76.6 | 76.6 |
| ≥ 5000 | | 72.3 | 73.1 | 74.5 | 74.5 | 74.5 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 76.6 | 76.6 | 77.3 | 77.3 |
| ≥ 4500 | | 72.3 | 73.1 | 74.5 | 74.5 | 74.5 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 76.6 | 76.6 | 77.3 | 77.3 |
| ≥ 4000 | | 73.1 | 73.8 | 75.2 | 75.2 | 75.2 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 77.3 | 77.3 | 78.0 | 78.0 |
| ≥ 3500 | | 75.2 | 75.9 | 77.3 | 77.3 | 77.3 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 79.4 | 79.4 | 80.1 | 80.1 |
| ≥ 3000 | | 76.6 | 77.3 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 80.9 | 80.9 | 81.6 | 81.6 |
| ≥ 2500 | | 76.6 | 77.3 | 78.7 | 79.4 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 81.6 | 81.6 | 82.3 | 82.3 |
| ≥ 2000 | | 76.6 | 77.3 | 78.7 | 79.4 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 81.6 | 81.6 | 82.3 | 82.3 |
| ≥ 1800 | | 76.6 | 77.3 | 78.7 | 79.4 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 81.6 | 81.6 | 82.3 | 82.3 |
| ≥ 1500 | | 78.7 | 80.1 | 81.6 | 82.3 | 82.3 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 84.4 | 84.4 | 85.1 | 85.1 |
| ≥ 1200 | | 80.1 | 81.6 | 83.0 | 83.7 | 83.7 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 85.8 | 85.8 | 86.5 | 86.5 |
| ≥ 1000 | | 82.3 | 83.7 | 85.1 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 87.9 | 87.9 | 88.7 | 88.7 |
| ≥ 900 | | 82.3 | 83.7 | 85.1 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 87.9 | 87.9 | 88.7 | 88.7 |
| ≥ 800 | | 82.3 | 85.8 | 87.2 | 87.9 | 87.9 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 90.1 | 90.1 | 90.8 | 90.8 |
| ≥ 700 | | 82.3 | 85.8 | 87.2 | 87.9 | 87.9 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 90.1 | 90.1 | 90.8 | 90.8 |
| ≥ 600 | | 83.0 | 86.5 | 87.9 | 88.7 | 88.7 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 90.8 | 90.8 | 91.5 | 91.5 |
| ≥ 500 | | 85.1 | 88.7 | 90.8 | 91.5 | 91.5 | 92.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 94.3 | 94.3 | 95.0 | 95.0 |
| ≥ 400 | | 85.1 | 88.7 | 90.8 | 92.2 | 92.2 | 93.6 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 95.7 | 95.7 | 96.5 | 96.5 |
| ≥ 300 | | 85.1 | 88.7 | 91.5 | 92.9 | 92.9 | 95.0 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 97.9 | 97.9 | 98.6 | 98.6 |
| ≥ 200 | | 85.1 | 88.7 | 91.5 | 92.9 | 92.9 | 95.7 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 98.6 | 98.6 | 99.3 | 99.3 |
| ≥ 100 | | 85.1 | 88.7 | 91.5 | 92.9 | 92.9 | 95.7 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 98.6 | 98.6 | 100.0 | 100.0 |
| 0 | | 85.1 | 88.7 | 91.5 | 92.9 | 92.9 | 95.7 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 98.6 | 98.6 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH) | 03 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 46.1 | 49.7 | 52.5 | 55.3 | 56.7 | 56.7 | 56.7 | 56.7 | 57.5 | 58.2 | 58.2 | 59.6 | 59.6 | 60.3 | 61.7 |
| ≥ 20000 | | 48.2 | 51.8 | 55.3 | 58.9 | 60.3 | 60.3 | 60.3 | 60.3 | 61.0 | 61.7 | 61.7 | 63.1 | 63.1 | 63.8 | 65.3 |
| ≥ 18000 | | 48.2 | 51.8 | 55.3 | 58.9 | 60.3 | 60.3 | 60.3 | 60.3 | 61.0 | 61.7 | 61.7 | 63.1 | 63.1 | 63.8 | 65.3 |
| ≥ 16000 | | 48.2 | 51.8 | 55.3 | 58.9 | 60.3 | 60.3 | 60.3 | 60.3 | 61.0 | 61.7 | 61.7 | 63.1 | 63.1 | 63.8 | 65.3 |
| ≥ 14000 | | 48.2 | 51.8 | 55.3 | 58.9 | 60.3 | 60.3 | 60.3 | 60.3 | 61.0 | 61.7 | 61.7 | 63.1 | 63.1 | 63.8 | 65.3 |
| ≥ 12000 | | 48.9 | 52.5 | 56.0 | 59.6 | 61.0 | 61.0 | 61.0 | 61.0 | 61.7 | 62.4 | 62.4 | 63.8 | 63.8 | 64.5 | 66.0 |
| ≥ 10000 | | 51.8 | 55.3 | 58.9 | 62.4 | 63.8 | 63.8 | 63.8 | 63.8 | 64.5 | 65.3 | 65.3 | 66.7 | 66.7 | 67.4 | 68.8 |
| ≥ 9000 | | 51.8 | 55.3 | 58.9 | 62.4 | 63.8 | 63.8 | 63.8 | 63.8 | 64.5 | 65.3 | 65.3 | 66.7 | 66.7 | 67.4 | 68.8 |
| ≥ 8000 | | 54.6 | 58.2 | 61.7 | 65.3 | 66.7 | 66.7 | 66.7 | 66.7 | 67.4 | 68.1 | 68.1 | 69.5 | 69.5 | 70.2 | 71.6 |
| ≥ 7000 | | 56.0 | 59.6 | 63.1 | 66.7 | 68.1 | 68.1 | 68.1 | 68.1 | 69.5 | 70.2 | 70.2 | 71.6 | 71.6 | 72.3 | 73.8 |
| ≥ 6000 | | 57.5 | 61.0 | 64.5 | 68.1 | 69.5 | 69.5 | 69.5 | 69.5 | 70.9 | 71.6 | 71.6 | 73.1 | 73.1 | 73.8 | 75.2 |
| ≥ 5000 | | 57.5 | 61.0 | 64.5 | 68.1 | 69.5 | 69.5 | 69.5 | 69.5 | 70.9 | 71.6 | 71.6 | 73.1 | 73.1 | 73.8 | 75.2 |
| ≥ 4500 | | 57.5 | 61.0 | 64.5 | 68.1 | 69.5 | 69.5 | 69.5 | 69.5 | 70.9 | 71.6 | 71.6 | 73.1 | 73.1 | 73.8 | 75.2 |
| ≥ 4000 | | 58.2 | 61.7 | 65.3 | 68.8 | 70.2 | 70.2 | 70.2 | 70.2 | 71.6 | 73.1 | 73.1 | 74.5 | 74.5 | 75.2 | 76.6 |
| ≥ 3500 | | 59.6 | 63.1 | 66.7 | 70.2 | 71.6 | 71.6 | 71.6 | 71.6 | 73.1 | 74.5 | 74.5 | 75.9 | 75.9 | 76.6 | 78.0 |
| ≥ 3000 | | 62.4 | 66.0 | 69.3 | 73.1 | 74.5 | 74.5 | 74.5 | 74.5 | 75.9 | 77.3 | 77.3 | 78.7 | 78.7 | 79.4 | 80.9 |
| ≥ 2500 | | 63.8 | 67.4 | 70.9 | 74.5 | 75.9 | 75.9 | 75.9 | 75.9 | 77.3 | 78.7 | 78.7 | 80.1 | 80.1 | 80.9 | 82.3 |
| ≥ 2000 | | 64.5 | 68.1 | 71.6 | 75.2 | 76.6 | 76.6 | 76.6 | 76.6 | 78.0 | 79.4 | 79.4 | 80.9 | 80.9 | 81.6 | 83.0 |
| ≥ 1800 | | 64.5 | 68.1 | 71.6 | 75.2 | 76.6 | 76.6 | 76.6 | 76.6 | 78.0 | 79.4 | 79.4 | 80.9 | 80.9 | 81.6 | 83.0 |
| ≥ 1500 | | 64.5 | 68.1 | 71.6 | 75.2 | 77.3 | 78.0 | 78.0 | 78.0 | 79.4 | 80.9 | 80.9 | 82.3 | 82.3 | 83.0 | 84.4 |
| ≥ 1200 | | 67.4 | 70.9 | 74.5 | 78.0 | 80.1 | 80.9 | 80.9 | 80.9 | 82.3 | 83.7 | 83.7 | 85.1 | 85.1 | 85.8 | 87.2 |
| ≥ 1000 | | 69.5 | 74.5 | 78.0 | 81.6 | 83.7 | 84.4 | 84.4 | 84.4 | 85.8 | 87.2 | 87.2 | 88.7 | 88.7 | 89.4 | 90.8 |
| ≥ 900 | | 70.9 | 75.9 | 79.4 | 83.0 | 85.1 | 85.8 | 85.8 | 85.8 | 87.2 | 88.7 | 88.7 | 90.1 | 90.1 | 90.8 | 92.2 |
| ≥ 800 | | 70.9 | 75.9 | 79.4 | 83.0 | 85.1 | 85.8 | 85.8 | 85.8 | 87.2 | 88.7 | 88.7 | 90.1 | 90.1 | 90.8 | 92.2 |
| ≥ 700 | | 71.6 | 76.6 | 80.1 | 83.7 | 85.8 | 86.5 | 86.5 | 86.5 | 87.9 | 89.4 | 89.4 | 90.8 | 90.8 | 91.5 | 92.9 |
| ≥ 600 | | 72.3 | 78.0 | 81.6 | 85.1 | 87.2 | 87.9 | 87.9 | 87.9 | 90.1 | 91.5 | 91.5 | 92.9 | 92.9 | 93.6 | 95.0 |
| ≥ 500 | | 73.1 | 78.7 | 82.3 | 85.8 | 87.9 | 88.7 | 88.7 | 88.7 | 90.8 | 92.2 | 92.2 | 93.6 | 93.6 | 94.3 | 95.7 |
| ≥ 400 | | 73.8 | 79.4 | 83.0 | 87.2 | 89.4 | 90.1 | 90.1 | 90.1 | 92.2 | 93.6 | 93.6 | 95.0 | 95.0 | 95.7 | 97.2 |
| ≥ 300 | | 73.8 | 79.4 | 83.0 | 87.2 | 89.4 | 90.1 | 90.1 | 90.1 | 92.2 | 94.3 | 94.3 | 95.7 | 95.7 | 96.5 | 97.9 |
| ≥ 200 | | 73.8 | 79.4 | 83.0 | 87.2 | 89.4 | 90.1 | 90.1 | 90.1 | 92.9 | 95.0 | 95.0 | 96.5 | 96.5 | 97.2 | 98.6 |
| ≥ 100 | | 73.8 | 79.4 | 83.0 | 87.2 | 89.4 | 90.1 | 90.1 | 90.1 | 92.9 | 95.0 | 95.0 | 97.2 | 97.2 | 97.9 | 99.3 |
| 0 | | 73.8 | 79.4 | 83.0 | 87.2 | 89.4 | 90.1 | 90.1 | 90.1 | 92.9 | 95.0 | 95.0 | 97.2 | 97.2 | 97.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH) | 06 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 40.4 | 42.6 | 44.0 | 44.7 | 44.7 | 46.8 | 47.5 | 47.5 | 48.9 | 49.7 | 49.7 | 52.5 | 52.5 | 54.6 | 56.0 |
| ≥ 20000 | | 41.8 | 44.0 | 45.4 | 46.1 | 46.1 | 48.2 | 48.9 | 48.9 | 50.4 | 51.1 | 51.1 | 54.6 | 54.6 | 56.7 | 58.2 |
| ≥ 18000 | | 41.8 | 44.0 | 45.4 | 46.1 | 46.1 | 48.2 | 48.9 | 48.9 | 50.4 | 51.1 | 51.1 | 54.6 | 54.6 | 56.7 | 58.2 |
| ≥ 16000 | | 41.8 | 44.0 | 45.4 | 46.1 | 46.1 | 48.2 | 48.9 | 48.9 | 50.4 | 51.1 | 51.1 | 54.6 | 54.6 | 56.7 | 58.2 |
| ≥ 14000 | | 41.8 | 44.0 | 45.4 | 46.1 | 46.1 | 48.2 | 48.9 | 48.9 | 50.4 | 51.1 | 51.1 | 54.6 | 54.6 | 56.7 | 58.2 |
| ≥ 12000 | | 44.0 | 46.1 | 47.5 | 48.2 | 48.2 | 50.4 | 51.1 | 51.1 | 52.5 | 53.2 | 53.2 | 56.7 | 56.7 | 59.6 | 61.0 |
| ≥ 10000 | | 46.1 | 48.2 | 50.4 | 51.1 | 51.1 | 53.2 | 53.9 | 53.9 | 55.3 | 56.0 | 56.0 | 60.3 | 60.3 | 63.1 | 64.5 |
| ≥ 9000 | | 46.1 | 48.2 | 50.4 | 51.1 | 51.1 | 53.2 | 53.9 | 53.9 | 55.3 | 56.0 | 56.0 | 60.3 | 60.3 | 63.1 | 64.5 |
| ≥ 8000 | | 50.4 | 53.2 | 55.3 | 56.0 | 56.0 | 58.2 | 58.9 | 58.9 | 60.3 | 61.0 | 61.0 | 65.3 | 65.3 | 68.1 | 69.5 |
| ≥ 7000 | | 50.4 | 53.2 | 55.3 | 56.0 | 56.0 | 58.2 | 58.9 | 58.9 | 60.3 | 61.0 | 61.0 | 65.3 | 65.3 | 68.1 | 69.5 |
| ≥ 6000 | | 52.5 | 55.3 | 57.5 | 58.2 | 58.2 | 60.3 | 61.0 | 61.0 | 62.4 | 63.1 | 63.1 | 67.4 | 67.4 | 70.2 | 71.6 |
| ≥ 5000 | | 53.2 | 56.0 | 58.2 | 58.9 | 58.9 | 61.0 | 61.7 | 61.7 | 63.1 | 63.8 | 63.8 | 68.1 | 68.1 | 70.9 | 72.3 |
| ≥ 4500 | | 55.3 | 58.2 | 60.3 | 61.0 | 61.0 | 63.1 | 63.8 | 63.8 | 65.3 | 66.0 | 66.0 | 70.2 | 70.2 | 73.1 | 74.5 |
| ≥ 4000 | | 56.7 | 59.6 | 61.7 | 62.4 | 62.4 | 64.5 | 65.3 | 65.3 | 66.7 | 67.4 | 67.4 | 71.6 | 71.6 | 74.5 | 75.9 |
| ≥ 3500 | | 56.7 | 59.6 | 61.7 | 62.4 | 62.4 | 64.5 | 65.3 | 65.3 | 66.7 | 67.4 | 67.4 | 71.6 | 71.6 | 74.5 | 75.9 |
| ≥ 3000 | | 59.6 | 62.4 | 64.5 | 65.3 | 65.3 | 67.4 | 68.1 | 68.1 | 69.5 | 70.2 | 70.2 | 74.5 | 74.5 | 77.3 | 78.7 |
| ≥ 2500 | | 61.0 | 63.8 | 66.0 | 66.7 | 66.7 | 68.8 | 69.5 | 69.5 | 71.6 | 72.3 | 72.3 | 76.6 | 76.6 | 79.4 | 80.9 |
| ≥ 2000 | | 61.0 | 63.8 | 66.0 | 66.7 | 66.7 | 68.8 | 69.5 | 69.5 | 71.6 | 72.3 | 72.3 | 76.6 | 76.6 | 79.4 | 80.9 |
| ≥ 1800 | | 61.0 | 63.8 | 66.0 | 66.7 | 66.7 | 68.8 | 69.5 | 69.5 | 71.6 | 72.3 | 72.3 | 76.6 | 76.6 | 79.4 | 80.9 |
| ≥ 1500 | | 62.4 | 65.3 | 68.1 | 68.8 | 68.8 | 70.9 | 71.6 | 71.6 | 73.8 | 74.5 | 74.5 | 78.7 | 78.7 | 81.6 | 83.0 |
| ≥ 1200 | | 63.1 | 66.0 | 68.8 | 69.5 | 69.5 | 71.6 | 72.3 | 72.3 | 74.5 | 75.2 | 75.2 | 79.4 | 79.4 | 82.3 | 83.7 |
| ≥ 1000 | | 65.3 | 68.1 | 70.9 | 72.3 | 73.1 | 75.2 | 75.9 | 75.9 | 78.0 | 78.7 | 78.7 | 83.0 | 83.0 | 85.8 | 87.2 |
| ≥ 900 | | 65.3 | 68.1 | 70.9 | 72.3 | 73.1 | 75.2 | 75.9 | 75.9 | 78.0 | 78.7 | 78.7 | 83.0 | 83.0 | 85.8 | 87.2 |
| ≥ 800 | | 66.0 | 69.5 | 72.3 | 73.8 | 74.5 | 76.6 | 77.3 | 77.3 | 79.4 | 80.1 | 80.1 | 84.4 | 84.4 | 87.2 | 88.7 |
| ≥ 700 | | 66.0 | 69.5 | 72.3 | 73.8 | 74.5 | 76.6 | 77.3 | 77.3 | 79.4 | 80.1 | 80.1 | 84.4 | 84.4 | 87.2 | 88.7 |
| ≥ 600 | | 66.7 | 70.9 | 73.8 | 75.2 | 75.9 | 78.0 | 78.7 | 78.7 | 80.9 | 81.6 | 81.6 | 86.5 | 86.5 | 89.4 | 90.8 |
| ≥ 500 | | 68.1 | 72.3 | 75.9 | 77.3 | 78.0 | 80.1 | 80.9 | 80.9 | 83.0 | 83.7 | 83.7 | 88.7 | 88.7 | 91.5 | 92.9 |
| ≥ 400 | | 68.1 | 72.3 | 75.9 | 77.3 | 78.7 | 80.9 | 81.6 | 81.6 | 83.7 | 84.4 | 84.4 | 89.4 | 89.4 | 92.2 | 93.6 |
| ≥ 300 | | 68.1 | 72.3 | 75.9 | 77.3 | 78.7 | 80.9 | 81.6 | 81.6 | 83.7 | 85.1 | 85.1 | 90.1 | 90.1 | 92.9 | 94.3 |
| ≥ 200 | | 68.1 | 72.3 | 75.9 | 78.0 | 79.4 | 81.6 | 83.0 | 83.0 | 85.1 | 86.5 | 86.5 | 91.5 | 91.5 | 95.0 | 97.2 |
| ≥ 100 | | 68.1 | 72.3 | 75.9 | 78.0 | 79.4 | 81.6 | 83.0 | 83.0 | 85.8 | 87.2 | 87.2 | 92.2 | 92.2 | 95.7 | 97.9 |
| 0 | | 68.1 | 72.3 | 75.9 | 78.0 | 79.4 | 81.6 | 83.0 | 83.0 | 85.8 | 87.2 | 87.2 | 92.2 | 92.2 | 96.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

09 HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 41.8 | 45.4 | 46.1 | 48.2 | 48.9 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 51.1 | 51.8 |
| ≥ 20000 | | 46.1 | 50.4 | 51.1 | 53.9 | 54.6 | 56.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 57.5 | 58.9 |
| ≥ 18000 | | 46.1 | 50.4 | 51.1 | 53.9 | 54.6 | 56.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 57.5 | 58.9 |
| ≥ 16000 | | 46.1 | 50.4 | 51.1 | 53.9 | 54.6 | 56.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 57.5 | 58.9 |
| ≥ 14000 | | 46.1 | 50.4 | 51.1 | 53.9 | 54.6 | 56.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 57.5 | 58.9 |
| ≥ 12000 | | 46.1 | 50.4 | 51.1 | 53.9 | 54.6 | 56.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 57.5 | 58.9 |
| ≥ 10000 | | 48.2 | 52.5 | 53.2 | 56.7 | 57.5 | 58.9 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 60.3 | 61.7 |
| ≥ 9000 | | 48.2 | 52.5 | 53.2 | 56.7 | 57.5 | 58.9 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 60.3 | 61.7 |
| ≥ 8000 | | 51.8 | 56.0 | 56.7 | 60.3 | 61.0 | 63.8 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 65.3 | 66.7 |
| ≥ 7000 | | 52.5 | 56.7 | 57.5 | 61.7 | 62.4 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.7 | 68.1 |
| ≥ 6000 | | 53.2 | 57.5 | 58.2 | 63.1 | 63.8 | 66.7 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 68.1 | 69.5 |
| ≥ 5000 | | 53.9 | 58.2 | 58.9 | 63.8 | 64.5 | 67.4 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.8 | 70.2 |
| ≥ 4500 | | 54.6 | 58.9 | 59.6 | 64.5 | 65.3 | 68.1 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.5 | 70.9 |
| ≥ 4000 | | 56.7 | 61.0 | 61.7 | 66.7 | 67.4 | 70.2 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 71.6 | 73.1 |
| ≥ 3500 | | 58.2 | 62.4 | 63.1 | 68.1 | 68.8 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 73.1 | 74.5 |
| ≥ 3000 | | 60.3 | 64.5 | 65.3 | 70.2 | 70.9 | 73.8 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 75.2 | 76.6 |
| ≥ 2500 | | 61.0 | 65.3 | 66.0 | 70.9 | 72.3 | 75.2 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.6 | 78.0 |
| ≥ 2000 | | 63.1 | 67.4 | 68.8 | 75.2 | 76.6 | 79.4 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.6 | 83.0 |
| ≥ 1800 | | 63.1 | 67.4 | 68.8 | 75.2 | 76.6 | 79.4 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.6 | 83.0 |
| ≥ 1500 | | 65.3 | 70.2 | 71.6 | 78.7 | 80.9 | 83.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.8 | 87.2 |
| ≥ 1200 | | 66.7 | 71.6 | 73.1 | 80.1 | 82.3 | 85.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 87.2 | 88.7 |
| ≥ 1000 | | 66.7 | 71.6 | 73.1 | 80.1 | 82.3 | 85.8 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.9 | 89.4 |
| ≥ 900 | | 68.1 | 73.1 | 74.5 | 82.3 | 84.4 | 87.9 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 90.1 | 91.5 |
| ≥ 800 | | 68.1 | 73.1 | 74.5 | 82.3 | 84.4 | 87.9 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 90.1 | 91.5 |
| ≥ 700 | | 68.1 | 73.1 | 74.5 | 82.3 | 84.4 | 87.9 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 90.1 | 91.5 |
| ≥ 600 | | 68.1 | 73.1 | 75.9 | 83.7 | 85.8 | 89.4 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 91.5 | 92.9 |
| ≥ 500 | | 68.8 | 73.8 | 77.3 | 85.1 | 87.9 | 91.5 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.6 | 95.0 |
| ≥ 400 | | 68.8 | 73.8 | 77.3 | 85.1 | 87.9 | 91.5 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 94.3 | 95.7 |
| ≥ 300 | | 68.8 | 73.8 | 78.0 | 85.8 | 88.7 | 92.2 | 93.6 | 93.6 | 93.6 | 94.3 | 94.3 | 95.0 | 95.0 | 95.7 | 97.2 |
| ≥ 200 | | 68.8 | 73.8 | 78.0 | 85.8 | 88.7 | 92.9 | 94.3 | 94.3 | 94.3 | 95.0 | 95.0 | 96.5 | 96.5 | 97.2 | 98.6 |
| ≥ 100 | | 68.8 | 73.8 | 78.0 | 85.8 | 88.7 | 92.9 | 94.3 | 94.3 | 94.3 | 95.0 | 95.0 | 97.2 | 97.2 | 97.9 | 100.0 |
| 0 | | 68.8 | 73.8 | 78.0 | 85.8 | 88.7 | 92.9 | 94.3 | 94.3 | 94.3 | 95.0 | 95.0 | 97.2 | 97.2 | 97.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | FEB (MONTH) | 12 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 46.1 | 46.8 | 46.8 | 47.5 | 48.2 | 48.2 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 |
| ≥ 20000 | | 50.4 | 51.1 | 51.1 | 51.8 | 52.5 | 52.5 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 18000 | | 50.4 | 51.1 | 51.1 | 51.8 | 52.5 | 52.5 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 16000 | | 50.4 | 51.1 | 51.1 | 51.8 | 52.5 | 52.5 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 14000 | | 50.4 | 51.1 | 51.1 | 51.8 | 52.5 | 52.5 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 12000 | | 50.4 | 51.1 | 51.1 | 51.8 | 52.5 | 52.5 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 10000 | | 53.2 | 53.9 | 53.9 | 54.6 | 55.3 | 55.3 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 9000 | | 53.2 | 53.9 | 53.9 | 54.6 | 55.3 | 55.3 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 8000 | | 59.6 | 60.3 | 60.3 | 61.0 | 61.7 | 61.7 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 7000 | | 59.6 | 60.3 | 61.0 | 61.7 | 62.4 | 62.4 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 6000 | | 61.0 | 61.7 | 62.4 | 63.1 | 63.8 | 63.8 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 5000 | | 62.4 | 63.1 | 63.8 | 64.5 | 65.3 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 4500 | | 62.4 | 63.1 | 63.8 | 64.5 | 65.3 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 4000 | | 65.3 | 66.0 | 66.7 | 67.4 | 68.1 | 68.1 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 3500 | | 66.7 | 67.4 | 68.1 | 68.8 | 69.5 | 69.5 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 3000 | | 74.5 | 75.9 | 76.6 | 77.3 | 78.0 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 2500 | | 78.0 | 79.4 | 80.1 | 80.9 | 81.6 | 81.6 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 2000 | | 82.3 | 83.7 | 84.4 | 85.8 | 86.5 | 86.5 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 1800 | | 82.3 | 83.7 | 84.4 | 85.8 | 86.5 | 86.5 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 1500 | | 84.4 | 85.8 | 87.2 | 88.7 | 89.4 | 89.4 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1200 | | 87.2 | 89.4 | 90.8 | 92.2 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1000 | | 88.7 | 90.8 | 92.9 | 94.3 | 95.0 | 95.0 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 900 | | 88.7 | 90.8 | 92.9 | 94.3 | 95.0 | 95.0 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 800 | | 88.7 | 90.8 | 92.9 | 94.3 | 95.0 | 95.0 | 95.7 | 95.7 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 700 | | 88.7 | 90.8 | 92.9 | 95.0 | 95.7 | 95.7 | 96.5 | 96.5 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 600 | | 88.7 | 90.8 | 92.9 | 95.0 | 96.5 | 96.5 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 500 | | 89.4 | 91.5 | 93.6 | 95.7 | 97.2 | 97.2 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 400 | | 89.4 | 91.5 | 93.6 | 95.7 | 97.2 | 97.9 | 98.6 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | | 89.4 | 91.5 | 93.6 | 95.7 | 97.2 | 97.9 | 98.6 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | | 89.4 | 91.5 | 93.6 | 95.7 | 97.2 | 97.9 | 98.6 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 100 | | 89.4 | 91.5 | 93.6 | 95.7 | 97.2 | 97.9 | 98.6 | 98.6 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 89.4 | 91.5 | 93.6 | 95.7 | 97.2 | 97.9 | 98.6 | 98.6 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 YEARS | FEB MONTH | 15 HOURS (L S T)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 54.6 | 54.6 | 54.6 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 20000 | | 61.7 | 61.7 | 61.7 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 18000 | | 61.7 | 61.7 | 61.7 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 16000 | | 62.4 | 62.4 | 62.4 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 14000 | | 62.4 | 62.4 | 62.4 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 12000 | | 63.8 | 63.8 | 63.8 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 10000 | | 66.0 | 66.0 | 66.0 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 9000 | | 66.7 | 66.7 | 66.7 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 8000 | | 69.5 | 69.5 | 69.5 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 7000 | | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 6000 | | 72.3 | 72.3 | 72.3 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 5000 | | 73.1 | 73.8 | 73.8 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 4500 | | 73.8 | 75.2 | 75.2 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 4000 | | 74.5 | 75.9 | 75.9 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 3500 | | 77.3 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 3000 | | 82.3 | 83.7 | 83.7 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 2500 | | 85.1 | 87.2 | 87.2 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 2000 | | 86.5 | 88.7 | 88.7 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1800 | | 86.5 | 88.7 | 88.7 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1500 | | 89.4 | 91.5 | 91.5 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1200 | | 89.4 | 91.5 | 92.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1000 | | 92.2 | 94.3 | 95.0 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 900 | | 92.9 | 95.0 | 95.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | | 92.9 | 95.0 | 95.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | | 92.9 | 95.0 | 95.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | | 92.9 | 95.0 | 95.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | | 92.9 | 95.0 | 95.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 92.9 | 95.0 | 95.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 92.9 | 95.0 | 95.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 92.9 | 95.0 | 95.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 92.9 | 95.0 | 95.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 92.9 | 95.0 | 95.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

18 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 57.5 | 58.9 | 59.6 | 60.3 | 60.3 | 61.0 | 61.0 | 61.0 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 20000 | | 65.3 | 66.7 | 67.4 | 68.1 | 68.1 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 18000 | | 65.3 | 66.7 | 67.4 | 68.1 | 68.1 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 16000 | | 65.3 | 66.7 | 67.4 | 68.1 | 68.1 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 14000 | | 65.3 | 66.7 | 67.4 | 68.1 | 68.1 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 12000 | | 66.7 | 68.1 | 68.8 | 69.5 | 69.5 | 70.2 | 70.2 | 70.2 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 10000 | | 67.4 | 68.8 | 69.5 | 70.2 | 70.2 | 70.9 | 70.9 | 70.9 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 9000 | | 68.8 | 70.2 | 70.9 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 8000 | | 73.1 | 74.5 | 75.2 | 75.9 | 75.9 | 76.6 | 76.6 | 76.6 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 7000 | | 74.5 | 75.9 | 76.6 | 77.3 | 77.3 | 78.0 | 78.0 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 6000 | | 75.9 | 77.3 | 78.0 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 5000 | | 75.9 | 77.3 | 78.0 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 4500 | | 76.6 | 78.0 | 78.7 | 79.4 | 79.4 | 80.1 | 80.1 | 80.1 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 4000 | | 80.1 | 81.6 | 82.3 | 83.0 | 83.7 | 84.4 | 84.4 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 3500 | | 80.1 | 81.6 | 82.3 | 83.0 | 83.7 | 84.4 | 84.4 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 3000 | | 81.6 | 83.0 | 83.7 | 84.4 | 85.1 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 2500 | | 83.0 | 84.4 | 85.1 | 85.8 | 86.5 | 87.2 | 87.2 | 87.2 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 2000 | | 84.4 | 87.2 | 88.7 | 89.4 | 90.1 | 90.8 | 90.8 | 90.8 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 1800 | | 84.4 | 87.2 | 88.7 | 89.4 | 90.1 | 90.8 | 90.8 | 90.8 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 1500 | | 85.1 | 87.9 | 89.4 | 90.1 | 90.8 | 91.5 | 91.5 | 91.5 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 1200 | | 85.8 | 88.7 | 90.8 | 91.5 | 92.2 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1000 | | 85.8 | 88.7 | 90.8 | 92.9 | 93.6 | 94.3 | 94.3 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 900 | | 85.8 | 88.7 | 90.8 | 92.9 | 93.6 | 94.3 | 94.3 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 800 | | 87.2 | 90.1 | 92.2 | 94.3 | 95.0 | 96.5 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | | 87.2 | 90.1 | 92.2 | 94.3 | 95.0 | 96.5 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 600 | | 87.2 | 90.1 | 92.2 | 95.0 | 95.7 | 97.2 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | | 87.2 | 90.1 | 92.2 | 95.0 | 95.7 | 97.2 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 400 | | 87.2 | 90.1 | 92.2 | 95.0 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 87.2 | 90.1 | 92.2 | 95.0 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 87.2 | 90.1 | 92.2 | 95.0 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 87.2 | 90.1 | 92.2 | 95.0 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | | 87.2 | 90.1 | 92.2 | 95.0 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H 2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 61.7 | 63.1 | 63.8 | 63.8 | 63.8 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 20000 | | 66.0 | 67.4 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 18000 | | 66.0 | 67.4 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 16000 | | 66.0 | 67.4 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 14000 | | 66.0 | 67.4 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 12000 | | 66.0 | 67.4 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 10000 | | 68.1 | 69.5 | 70.9 | 70.9 | 70.9 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 9000 | | 68.8 | 70.2 | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 8000 | | 74.5 | 75.9 | 77.3 | 77.3 | 77.3 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 7000 | | 75.9 | 77.3 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 6000 | | 77.3 | 78.7 | 80.1 | 80.1 | 80.1 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 5000 | | 77.3 | 78.7 | 80.1 | 80.1 | 80.1 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 4500 | | 78.7 | 80.1 | 81.6 | 81.6 | 81.6 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 4000 | | 81.6 | 83.0 | 84.4 | 84.4 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 3500 | | 83.0 | 84.4 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 3000 | | 83.0 | 84.4 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 2500 | | 83.7 | 85.1 | 86.5 | 86.5 | 86.5 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 2000 | | 85.8 | 87.2 | 88.7 | 88.7 | 88.7 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 1800 | | 85.8 | 87.2 | 88.7 | 88.7 | 88.7 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 1500 | | 85.8 | 87.2 | 88.7 | 88.7 | 88.7 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 1200 | | 87.9 | 90.1 | 91.5 | 91.5 | 91.5 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 1000 | | 90.1 | 92.2 | 93.6 | 93.6 | 93.6 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 900 | | 90.1 | 92.2 | 93.6 | 93.6 | 93.6 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 800 | | 91.5 | 93.6 | 95.7 | 96.5 | 96.5 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 700 | | 91.5 | 94.3 | 96.5 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 600 | | 91.5 | 94.3 | 96.5 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 500 | | 91.5 | 94.3 | 96.5 | 97.2 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 400 | | 91.5 | 94.3 | 97.2 | 97.9 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | | 91.5 | 94.3 | 97.9 | 98.6 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 91.5 | 94.3 | 97.9 | 98.6 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 91.5 | 94.3 | 97.9 | 98.6 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 91.5 | 94.3 | 97.9 | 98.6 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) FEB (MONTH) ALL (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 50.6 | 52.3 | 53.2 | 54.2 | 54.5 | 55.1 | 55.3 | 55.3 | 55.8 | 55.9 | 55.9 | 56.7 | 56.7 | 57.2 | 57.6 |
| ≥ 20000 | | 54.9 | 56.7 | 57.7 | 58.9 | 59.2 | 59.9 | 60.2 | 60.2 | 60.6 | 60.8 | 60.8 | 61.6 | 61.6 | 62.2 | 62.7 |
| ≥ 18000 | | 54.9 | 56.7 | 57.7 | 58.9 | 59.2 | 59.9 | 60.2 | 60.2 | 60.6 | 60.8 | 60.8 | 61.6 | 61.6 | 62.2 | 62.7 |
| ≥ 16000 | | 55.0 | 56.7 | 57.8 | 59.0 | 59.3 | 60.0 | 60.3 | 60.3 | 60.7 | 60.9 | 60.9 | 61.7 | 61.7 | 62.2 | 62.8 |
| ≥ 14000 | | 55.0 | 56.7 | 57.8 | 59.0 | 59.3 | 60.0 | 60.3 | 60.3 | 60.7 | 60.9 | 60.9 | 61.7 | 61.7 | 62.2 | 62.8 |
| ≥ 12000 | | 55.7 | 57.5 | 58.5 | 59.7 | 60.0 | 60.7 | 61.0 | 61.0 | 61.4 | 61.6 | 61.6 | 62.4 | 62.4 | 63.0 | 63.6 |
| ≥ 10000 | | 58.2 | 60.0 | 61.2 | 62.4 | 62.8 | 63.5 | 63.7 | 63.7 | 64.2 | 64.4 | 64.4 | 65.3 | 65.3 | 65.9 | 66.4 |
| ≥ 9000 | | 58.6 | 60.4 | 61.6 | 62.9 | 63.2 | 63.9 | 64.2 | 64.2 | 64.6 | 64.8 | 64.8 | 65.7 | 65.7 | 66.3 | 66.8 |
| ≥ 8000 | | 62.9 | 64.8 | 66.1 | 67.3 | 67.6 | 68.5 | 68.8 | 68.8 | 69.2 | 69.4 | 69.4 | 70.3 | 70.3 | 70.9 | 71.5 |
| ≥ 7000 | | 64.0 | 65.9 | 67.2 | 68.5 | 68.9 | 69.8 | 70.0 | 70.0 | 70.6 | 70.7 | 70.7 | 71.6 | 71.6 | 72.3 | 72.8 |
| ≥ 6000 | | 65.2 | 67.0 | 68.4 | 69.8 | 70.1 | 71.0 | 71.3 | 71.3 | 71.8 | 72.0 | 72.0 | 72.9 | 72.9 | 73.5 | 74.0 |
| ≥ 5000 | | 65.7 | 67.6 | 69.0 | 70.4 | 70.7 | 71.6 | 71.9 | 71.9 | 72.4 | 72.6 | 72.6 | 73.5 | 73.5 | 74.1 | 74.7 |
| ≥ 4500 | | 66.4 | 68.4 | 69.8 | 71.2 | 71.5 | 72.4 | 72.7 | 72.7 | 73.2 | 73.4 | 73.4 | 74.3 | 74.3 | 74.9 | 75.4 |
| ≥ 4000 | | 68.3 | 70.3 | 71.6 | 73.1 | 73.5 | 74.4 | 74.7 | 74.7 | 75.2 | 75.4 | 75.4 | 76.3 | 76.3 | 77.0 | 77.5 |
| ≥ 3500 | | 69.6 | 71.6 | 73.0 | 74.4 | 74.8 | 75.7 | 76.0 | 76.0 | 76.5 | 76.8 | 76.8 | 77.7 | 77.7 | 78.3 | 78.8 |
| ≥ 3000 | | 72.5 | 74.7 | 76.0 | 77.4 | 77.8 | 78.7 | 79.0 | 79.0 | 79.5 | 79.8 | 79.8 | 80.7 | 80.7 | 81.3 | 81.8 |
| ≥ 2500 | | 74.0 | 76.2 | 77.6 | 79.1 | 79.6 | 80.5 | 80.8 | 80.8 | 81.4 | 81.7 | 81.7 | 82.5 | 82.5 | 83.2 | 83.7 |
| ≥ 2000 | | 75.5 | 77.9 | 79.4 | 81.2 | 81.7 | 82.6 | 83.0 | 83.0 | 83.6 | 83.9 | 83.9 | 84.8 | 84.8 | 85.4 | 85.9 |
| ≥ 1800 | | 75.5 | 77.9 | 79.4 | 81.2 | 81.7 | 82.6 | 83.0 | 83.0 | 83.6 | 83.9 | 83.9 | 84.8 | 84.8 | 85.4 | 85.9 |
| ≥ 1500 | | 77.0 | 79.5 | 81.2 | 83.1 | 83.8 | 84.8 | 85.1 | 85.1 | 85.7 | 86.0 | 86.0 | 86.9 | 86.9 | 87.5 | 88.0 |
| ≥ 1200 | | 78.5 | 81.2 | 83.1 | 84.9 | 85.6 | 86.6 | 87.0 | 87.0 | 87.6 | 87.9 | 87.9 | 88.7 | 88.7 | 89.4 | 89.9 |
| ≥ 1000 | | 80.1 | 83.0 | 84.9 | 87.2 | 87.9 | 89.0 | 89.4 | 89.4 | 90.0 | 90.3 | 90.3 | 91.1 | 91.1 | 91.8 | 92.3 |
| ≥ 900 | | 80.5 | 83.4 | 85.4 | 87.7 | 88.5 | 89.5 | 89.9 | 89.9 | 90.5 | 90.8 | 90.8 | 91.7 | 91.7 | 92.3 | 92.8 |
| ≥ 800 | | 80.9 | 84.2 | 86.3 | 88.7 | 89.5 | 90.6 | 91.1 | 91.1 | 91.8 | 92.0 | 92.0 | 92.9 | 92.9 | 93.5 | 94.1 |
| ≥ 700 | | 81.0 | 84.4 | 86.4 | 89.0 | 89.8 | 91.0 | 91.4 | 91.4 | 92.1 | 92.4 | 92.4 | 93.3 | 93.3 | 93.9 | 94.4 |
| ≥ 600 | | 81.3 | 84.8 | 87.1 | 89.7 | 90.6 | 91.8 | 92.2 | 92.2 | 93.1 | 93.4 | 93.4 | 94.3 | 94.3 | 95.0 | 95.5 |
| ≥ 500 | | 82.0 | 85.6 | 88.0 | 90.7 | 91.8 | 92.9 | 93.4 | 93.4 | 94.4 | 94.7 | 94.7 | 95.7 | 95.7 | 96.3 | 96.8 |
| ≥ 400 | | 82.1 | 85.6 | 88.2 | 91.1 | 92.2 | 93.7 | 94.2 | 94.2 | 95.2 | 95.5 | 95.5 | 96.5 | 96.5 | 97.2 | 97.7 |
| ≥ 300 | | 82.1 | 85.6 | 88.5 | 91.3 | 92.5 | 94.1 | 94.6 | 94.6 | 95.6 | 96.1 | 96.1 | 97.3 | 97.3 | 97.9 | 98.4 |
| ≥ 200 | | 82.1 | 85.6 | 88.5 | 91.4 | 92.6 | 94.3 | 95.0 | 95.0 | 96.0 | 96.5 | 96.5 | 97.8 | 97.8 | 98.5 | 99.1 |
| ≥ 100 | | 82.1 | 85.6 | 88.5 | 91.4 | 92.6 | 94.3 | 95.0 | 95.0 | 96.1 | 96.6 | 96.6 | 98.1 | 98.1 | 98.9 | 99.7 |
| ≥ 0 | | 82.1 | 85.6 | 88.5 | 91.4 | 92.6 | 94.3 | 95.0 | 95.0 | 96.1 | 96.6 | 96.6 | 98.1 | 98.1 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1128

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH) | 00 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 34.8 | 36.8 | 36.8 | 36.8 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 38.1 | 38.1 |
| ≥ 20000 | | 40.7 | 43.2 | 43.9 | 43.9 | 44.5 | 44.5 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.8 | 45.8 |
| ≥ 18000 | | 40.7 | 43.2 | 43.9 | 43.9 | 44.5 | 44.5 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.8 | 45.8 |
| ≥ 16000 | | 40.7 | 43.2 | 43.9 | 43.9 | 44.5 | 44.5 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.8 | 45.8 |
| ≥ 14000 | | 40.7 | 43.2 | 43.9 | 43.9 | 44.5 | 44.5 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.8 | 45.8 |
| ≥ 12000 | | 41.3 | 43.9 | 44.5 | 44.5 | 45.2 | 45.2 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 46.5 | 46.5 |
| ≥ 10000 | | 44.5 | 47.1 | 47.7 | 47.7 | 48.4 | 48.4 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 |
| ≥ 9000 | | 45.2 | 47.7 | 48.4 | 48.4 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 50.3 | 50.3 |
| ≥ 8000 | | 49.0 | 51.6 | 52.3 | 52.3 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 54.2 | 54.2 |
| ≥ 7000 | | 49.0 | 51.6 | 52.3 | 52.3 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 54.2 | 54.2 |
| ≥ 6000 | | 50.3 | 52.9 | 53.6 | 53.6 | 54.2 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 |
| ≥ 5000 | | 50.3 | 52.9 | 53.6 | 53.6 | 54.2 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 |
| ≥ 4500 | | 51.6 | 54.2 | 54.8 | 54.8 | 55.5 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 |
| ≥ 4000 | | 51.6 | 54.2 | 54.8 | 54.8 | 55.5 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 |
| ≥ 3500 | | 52.3 | 54.8 | 55.5 | 55.5 | 56.1 | 56.1 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 57.4 | 57.4 |
| ≥ 3000 | | 54.8 | 57.4 | 58.1 | 58.1 | 58.7 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 60.0 | 60.0 |
| ≥ 2500 | | 56.1 | 58.7 | 59.4 | 59.4 | 60.0 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 | 61.3 |
| ≥ 2000 | | 59.4 | 61.9 | 62.6 | 62.6 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.5 | 64.5 |
| ≥ 1800 | | 60.0 | 62.6 | 63.2 | 63.2 | 63.9 | 63.9 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 65.2 | 65.2 |
| ≥ 1500 | | 61.9 | 65.2 | 65.8 | 65.8 | 66.5 | 66.5 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.7 | 67.7 |
| ≥ 1200 | | 67.1 | 70.3 | 71.0 | 71.0 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.9 | 72.9 |
| ≥ 1000 | | 72.9 | 76.8 | 77.4 | 78.1 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 80.0 | 80.0 |
| ≥ 900 | | 74.8 | 79.4 | 80.7 | 81.3 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 83.2 | 83.2 |
| ≥ 800 | | 78.1 | 83.2 | 86.5 | 87.1 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 89.0 | 89.0 |
| ≥ 700 | | 78.7 | 83.9 | 88.4 | 89.0 | 89.7 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 91.0 | 91.0 |
| ≥ 600 | | 80.0 | 85.8 | 90.3 | 91.0 | 91.6 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.9 | 92.9 |
| ≥ 500 | | 80.0 | 85.8 | 90.3 | 91.0 | 91.6 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.9 | 92.9 |
| ≥ 400 | | 80.0 | 85.8 | 90.3 | 91.0 | 91.6 | 92.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 94.2 | 94.8 |
| ≥ 300 | | 80.0 | 85.8 | 90.3 | 91.0 | 91.6 | 92.3 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.8 | 95.5 |
| ≥ 200 | | 80.0 | 85.8 | 90.3 | 91.0 | 91.6 | 92.9 | 94.2 | 94.2 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 96.1 | 96.8 |
| ≥ 100 | | 80.0 | 85.8 | 90.3 | 91.0 | 91.6 | 92.9 | 94.2 | 94.2 | 94.8 | 96.1 | 96.1 | 96.1 | 96.1 | 97.4 | 98.7 |
| 0 | | 80.0 | 85.8 | 90.3 | 91.0 | 91.6 | 92.9 | 94.2 | 94.2 | 94.8 | 96.1 | 96.1 | 96.1 | 96.1 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) MAR (MONTH) 03 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 32.9 | 34.2 | 36.1 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 37.4 | 37.4 | 37.4 | 38.1 | 38.1 | 38.1 | 38.1 |
| ≥ 20000 | | 36.1 | 37.4 | 39.4 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 41.3 | 41.3 | 41.3 | 41.9 | 41.9 | 41.9 | 41.9 |
| ≥ 18000 | | 36.1 | 37.4 | 39.4 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 41.3 | 41.3 | 41.3 | 41.9 | 41.9 | 41.9 | 41.9 |
| ≥ 16000 | | 36.1 | 37.4 | 39.4 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 41.3 | 41.3 | 41.3 | 41.9 | 41.9 | 41.9 | 41.9 |
| ≥ 14000 | | 36.1 | 37.4 | 39.4 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 41.3 | 41.3 | 41.3 | 41.9 | 41.9 | 41.9 | 41.9 |
| ≥ 12000 | | 38.1 | 39.4 | 41.3 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 43.2 | 43.2 | 43.2 | 43.9 | 43.9 | 43.9 | 43.9 |
| ≥ 10000 | | 40.0 | 41.3 | 43.2 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 45.2 | 45.2 | 45.2 | 45.8 | 45.8 | 45.8 | 45.8 |
| ≥ 9000 | | 40.7 | 41.9 | 43.9 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.8 | 45.8 | 45.8 | 46.5 | 46.5 | 46.5 | 46.5 |
| ≥ 8000 | | 43.2 | 44.5 | 46.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 48.4 | 48.4 | 48.4 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 7000 | | 43.9 | 45.2 | 47.1 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 6000 | | 44.5 | 45.8 | 47.7 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 5000 | | 46.5 | 47.7 | 49.7 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.6 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 4500 | | 47.1 | 48.4 | 50.3 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 4000 | | 48.4 | 49.7 | 51.6 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 3500 | | 49.7 | 51.0 | 52.9 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 3000 | | 51.0 | 52.3 | 54.2 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 | 56.8 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 2500 | | 53.6 | 55.5 | 57.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 60.0 | 60.0 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 2000 | | 54.8 | 56.8 | 58.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 1800 | | 54.8 | 56.8 | 58.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 1500 | | 60.7 | 63.2 | 65.2 | 67.1 | 67.1 | 67.7 | 67.7 | 67.7 | 68.4 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 1200 | | 62.6 | 65.8 | 67.7 | 69.7 | 69.7 | 70.3 | 70.3 | 70.3 | 71.0 | 71.0 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 1000 | | 67.1 | 70.3 | 72.9 | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 900 | | 68.4 | 71.6 | 74.2 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 800 | | 70.3 | 73.6 | 76.8 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 700 | | 71.0 | 74.2 | 77.4 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 600 | | 71.6 | 74.8 | 78.1 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.9 | 84.5 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 500 | | 71.6 | 75.5 | 78.7 | 83.2 | 83.2 | 83.9 | 83.9 | 83.9 | 84.5 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 400 | | 71.6 | 75.5 | 78.7 | 84.5 | 84.5 | 85.2 | 85.2 | 85.2 | 86.5 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 300 | | 71.6 | 75.5 | 79.4 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 87.1 | 88.4 | 88.4 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 200 | | 72.3 | 76.1 | 80.0 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 87.7 | 89.0 | 89.0 | 91.6 | 91.6 | 92.3 | 92.9 |
| ≥ 100 | | 72.3 | 76.1 | 80.0 | 86.5 | 86.5 | 87.1 | 87.7 | 87.7 | 89.0 | 90.3 | 90.3 | 95.5 | 95.5 | 97.4 | 98.7 |
| ≥ 0 | | 72.3 | 76.1 | 80.0 | 86.5 | 86.5 | 87.1 | 87.7 | 87.7 | 89.0 | 90.3 | 90.3 | 95.5 | 95.5 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 YEARS | MAR MONTH | 06 HOURS (L S T.)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 22.6 | 23.2 | 23.9 | 25.2 | 25.8 | 27.1 | 27.7 | 27.7 | 27.7 | 28.4 | 28.4 | 29.0 | 29.0 | 31.0 | 31.0 |
| ≥ 20000 | | 29.0 | 29.7 | 30.3 | 33.6 | 34.2 | 35.5 | 36.1 | 36.1 | 36.1 | 36.8 | 36.8 | 37.4 | 37.4 | 39.4 | 39.4 |
| ≥ 18000 | | 29.0 | 29.7 | 30.3 | 33.6 | 34.2 | 35.5 | 36.1 | 36.1 | 36.1 | 36.8 | 36.8 | 37.4 | 37.4 | 39.4 | 39.4 |
| ≥ 16000 | | 29.0 | 29.7 | 30.3 | 33.6 | 34.2 | 35.5 | 36.1 | 36.1 | 36.1 | 36.8 | 36.8 | 37.4 | 37.4 | 39.4 | 39.4 |
| ≥ 14000 | | 30.3 | 31.0 | 31.6 | 34.8 | 35.5 | 36.8 | 37.4 | 37.4 | 37.4 | 38.1 | 38.1 | 38.7 | 38.7 | 40.7 | 40.7 |
| ≥ 12000 | | 30.3 | 31.0 | 31.6 | 34.8 | 35.5 | 36.8 | 37.4 | 37.4 | 37.4 | 38.1 | 38.1 | 38.7 | 38.7 | 40.7 | 40.7 |
| ≥ 10000 | | 31.0 | 32.3 | 32.9 | 36.1 | 36.8 | 38.1 | 38.7 | 38.7 | 38.7 | 39.4 | 39.4 | 40.0 | 40.0 | 41.9 | 41.9 |
| ≥ 9000 | | 31.0 | 32.3 | 32.9 | 36.1 | 36.8 | 38.1 | 38.7 | 38.7 | 38.7 | 39.4 | 39.4 | 40.0 | 40.0 | 41.9 | 41.9 |
| ≥ 8000 | | 34.2 | 35.5 | 36.3 | 40.0 | 40.7 | 41.9 | 42.6 | 42.6 | 42.6 | 43.2 | 43.2 | 43.9 | 43.9 | 45.8 | 45.8 |
| ≥ 7000 | | 34.8 | 36.1 | 37.4 | 40.7 | 41.3 | 42.6 | 43.2 | 43.2 | 43.2 | 43.9 | 43.9 | 44.5 | 44.5 | 46.5 | 46.5 |
| ≥ 6000 | | 36.1 | 37.4 | 38.7 | 41.9 | 42.6 | 43.9 | 44.5 | 44.5 | 44.5 | 45.2 | 45.2 | 45.8 | 45.8 | 47.7 | 47.7 |
| ≥ 5000 | | 36.8 | 38.1 | 39.4 | 42.6 | 43.2 | 44.5 | 45.2 | 45.2 | 45.2 | 45.8 | 45.8 | 46.5 | 46.5 | 48.4 | 48.4 |
| ≥ 4500 | | 37.4 | 38.7 | 40.0 | 43.9 | 44.5 | 45.8 | 46.5 | 46.5 | 46.5 | 47.1 | 47.1 | 47.7 | 47.7 | 49.7 | 49.7 |
| ≥ 4000 | | 38.1 | 39.4 | 40.7 | 44.5 | 45.2 | 46.5 | 47.1 | 47.1 | 47.1 | 47.7 | 47.7 | 48.4 | 48.4 | 50.3 | 50.3 |
| ≥ 3500 | | 39.4 | 40.7 | 41.9 | 45.8 | 46.5 | 47.7 | 48.4 | 48.4 | 48.4 | 49.0 | 49.0 | 49.7 | 49.7 | 51.6 | 51.6 |
| ≥ 3000 | | 42.6 | 43.9 | 45.2 | 49.0 | 49.7 | 51.0 | 51.6 | 51.6 | 51.6 | 52.3 | 52.3 | 52.9 | 52.9 | 54.8 | 54.8 |
| ≥ 2500 | | 43.9 | 45.2 | 46.5 | 51.6 | 52.3 | 53.6 | 54.2 | 54.2 | 54.2 | 54.8 | 54.8 | 55.5 | 55.5 | 57.4 | 57.4 |
| ≥ 2000 | | 45.8 | 47.1 | 48.4 | 53.6 | 54.2 | 55.5 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 | 57.4 | 57.4 | 59.4 | 59.4 |
| ≥ 1800 | | 46.5 | 47.7 | 49.0 | 54.2 | 54.8 | 56.1 | 56.8 | 56.8 | 56.8 | 57.4 | 57.4 | 58.1 | 58.1 | 60.0 | 60.0 |
| ≥ 1500 | | 49.7 | 52.3 | 53.6 | 58.7 | 59.4 | 60.7 | 61.3 | 61.3 | 61.3 | 61.9 | 61.9 | 62.6 | 62.6 | 64.5 | 64.5 |
| ≥ 1200 | | 52.3 | 54.8 | 56.8 | 61.9 | 62.6 | 63.9 | 64.5 | 64.5 | 64.5 | 65.8 | 65.8 | 66.5 | 66.5 | 68.4 | 68.4 |
| ≥ 1000 | | 56.1 | 58.7 | 61.3 | 67.7 | 68.4 | 69.7 | 70.3 | 70.3 | 70.3 | 71.6 | 71.6 | 72.3 | 72.3 | 74.2 | 74.2 |
| ≥ 900 | | 56.1 | 58.7 | 61.3 | 67.7 | 68.4 | 70.3 | 71.0 | 71.0 | 71.0 | 72.3 | 72.3 | 72.9 | 72.9 | 74.8 | 74.8 |
| ≥ 800 | | 57.4 | 60.0 | 62.6 | 69.7 | 71.0 | 72.9 | 73.6 | 73.6 | 73.6 | 74.8 | 74.8 | 75.5 | 75.5 | 77.4 | 77.4 |
| ≥ 700 | | 60.7 | 63.2 | 65.8 | 73.6 | 74.8 | 76.8 | 77.4 | 77.4 | 77.4 | 78.7 | 78.7 | 79.4 | 79.4 | 81.3 | 81.3 |
| ≥ 600 | | 61.3 | 64.5 | 67.1 | 74.8 | 76.1 | 78.1 | 78.7 | 78.7 | 78.7 | 80.0 | 80.0 | 80.7 | 80.7 | 82.6 | 82.6 |
| ≥ 500 | | 62.6 | 66.5 | 69.7 | 77.4 | 78.7 | 80.7 | 81.9 | 81.9 | 81.9 | 83.9 | 83.9 | 84.5 | 84.5 | 86.5 | 86.5 |
| ≥ 400 | | 63.2 | 67.1 | 70.3 | 78.1 | 79.4 | 81.3 | 82.6 | 82.6 | 82.6 | 85.2 | 85.2 | 85.8 | 85.8 | 87.7 | 87.7 |
| ≥ 300 | | 63.2 | 67.1 | 70.3 | 78.1 | 79.4 | 81.3 | 83.2 | 83.2 | 83.2 | 86.5 | 86.5 | 87.1 | 87.1 | 89.0 | 89.0 |
| ≥ 200 | | 63.2 | 67.1 | 70.3 | 79.4 | 80.7 | 83.2 | 85.2 | 85.2 | 85.2 | 88.4 | 88.4 | 92.3 | 92.3 | 94.8 | 95.5 |
| ≥ 100 | | 63.2 | 67.1 | 70.3 | 79.4 | 80.7 | 83.2 | 85.2 | 85.2 | 85.2 | 88.4 | 88.4 | 92.3 | 92.3 | 94.8 | 96.1 |
| 0 | | 63.2 | 67.1 | 70.3 | 79.4 | 80.7 | 83.2 | 85.2 | 85.2 | 85.2 | 88.4 | 88.4 | 92.3 | 92.3 | 95.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

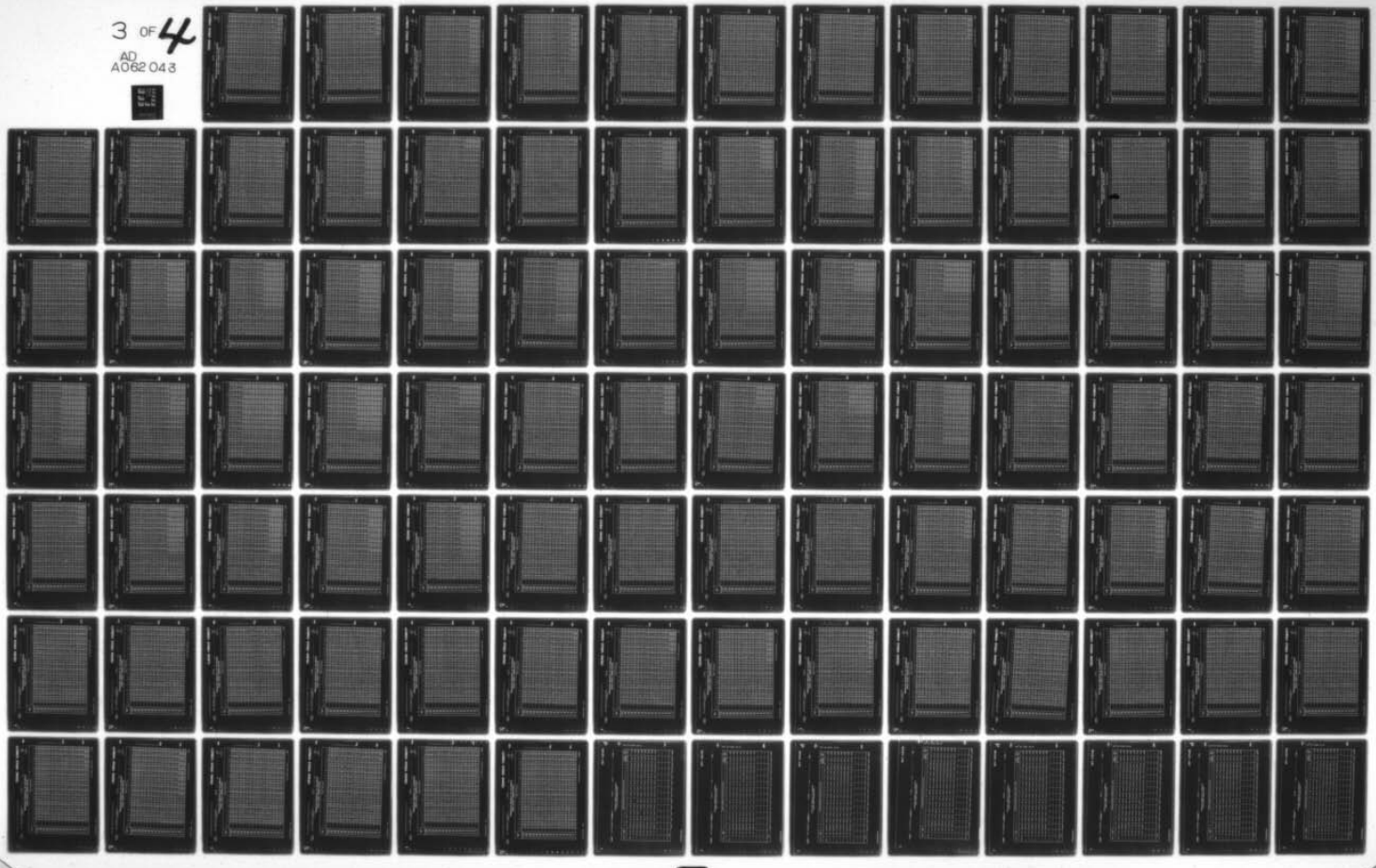
DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

AD-A062 043 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS). NEW ORL--ETC(U)
JUL 78

UNCLASSIFIED NL

3 OF 4
AD
A062 043



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

2

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | MAR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

09
HOURS (L S T.)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 25.8 | 27.1 | 28.4 | 29.0 | 29.0 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 |
| ≥ 20000 | | 31.6 | 32.9 | 34.2 | 34.8 | 34.8 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 |
| < 20000 ≥ 18000 | | 31.6 | 32.9 | 34.2 | 34.8 | 34.8 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 |
| < 18000 ≥ 16000 | | 31.6 | 32.9 | 34.2 | 34.8 | 34.8 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 |
| < 16000 ≥ 14000 | | 31.6 | 32.9 | 34.2 | 34.8 | 34.8 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 |
| < 14000 ≥ 12000 | | 32.9 | 34.2 | 35.5 | 36.1 | 36.1 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 |
| < 12000 ≥ 10000 | | 34.2 | 35.5 | 37.4 | 38.1 | 38.7 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 40.0 | 40.0 | 40.0 |
| < 10000 ≥ 9000 | | 34.2 | 35.5 | 37.4 | 38.1 | 38.7 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 40.0 | 40.0 | 40.0 |
| < 9000 ≥ 8000 | | 37.4 | 38.7 | 40.7 | 41.3 | 41.9 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 43.2 | 43.2 | 43.2 |
| < 8000 ≥ 7000 | | 38.7 | 40.0 | 41.9 | 42.6 | 43.2 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 45.2 | 45.2 | 45.2 |
| < 7000 ≥ 6000 | | 39.4 | 41.3 | 43.2 | 43.9 | 44.5 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 46.5 | 46.5 | 46.5 |
| < 6000 ≥ 5000 | | 41.3 | 43.2 | 45.8 | 46.5 | 47.1 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 49.0 | 49.0 | 49.0 |
| < 5000 ≥ 4500 | | 42.6 | 44.5 | 47.1 | 48.4 | 49.0 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 51.0 | 51.0 | 51.0 |
| < 4500 ≥ 4000 | | 43.9 | 46.5 | 49.0 | 50.3 | 51.6 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 |
| < 4000 ≥ 3500 | | 43.9 | 46.5 | 49.0 | 50.3 | 51.6 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 |
| < 3500 ≥ 3000 | | 47.7 | 50.3 | 52.9 | 54.2 | 55.5 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 57.4 | 57.4 | 57.4 |
| < 3000 ≥ 2500 | | 51.0 | 53.6 | 56.1 | 57.4 | 58.7 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.7 | 60.7 | 60.7 |
| < 2500 ≥ 2000 | | 52.3 | 55.5 | 58.1 | 59.4 | 60.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 | 62.6 |
| < 2000 ≥ 1800 | | 52.3 | 55.5 | 58.1 | 59.4 | 60.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 | 62.6 |
| < 1800 ≥ 1500 | | 55.5 | 59.4 | 61.9 | 63.9 | 65.2 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 67.1 | 67.1 | 67.1 |
| < 1500 ≥ 1200 | | 58.1 | 62.6 | 65.8 | 67.7 | 69.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.6 | 71.6 | 71.6 |
| < 1200 ≥ 1000 | | 65.2 | 69.7 | 73.6 | 76.1 | 78.1 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 |
| < 1000 ≥ 900 | | 65.2 | 69.7 | 73.6 | 76.8 | 78.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 |
| < 900 ≥ 800 | | 67.7 | 72.3 | 76.8 | 80.0 | 81.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.5 | 84.5 | 84.5 |
| < 800 ≥ 700 | | 68.4 | 72.9 | 78.7 | 81.9 | 84.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 87.1 | 87.1 | 87.1 |
| < 700 ≥ 600 | | 69.0 | 74.8 | 80.7 | 85.2 | 87.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 90.3 | 90.3 | 90.3 |
| < 600 ≥ 500 | | 69.7 | 76.1 | 83.2 | 87.7 | 91.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 |
| < 500 ≥ 400 | | 69.7 | 76.1 | 83.2 | 87.7 | 92.3 | 95.5 | 95.5 | 95.5 | 95.5 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 |
| < 400 ≥ 300 | | 69.7 | 76.1 | 83.2 | 87.7 | 92.3 | 95.5 | 95.5 | 95.5 | 95.5 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 |
| < 300 ≥ 200 | | 69.7 | 76.1 | 83.2 | 87.7 | 92.3 | 96.1 | 96.1 | 96.1 | 97.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| < 200 ≥ 100 | | 69.7 | 76.1 | 83.2 | 87.7 | 92.3 | 96.1 | 96.1 | 96.1 | 97.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| < 100 ≥ 0 | | 69.7 | 76.1 | 83.2 | 87.7 | 92.3 | 96.1 | 96.1 | 96.1 | 97.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H 2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH) | 12 (HOURS (L.S.T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 26.5 | 26.5 | 27.1 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 |
| ≥ 20000 | | 31.6 | 31.6 | 32.3 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 |
| ≥ 18000 | | 31.6 | 31.6 | 32.3 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 |
| ≥ 16000 | | 31.6 | 31.6 | 32.3 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 |
| ≥ 14000 | | 31.6 | 31.6 | 32.3 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 | 32.9 |
| ≥ 12000 | | 33.6 | 33.6 | 34.2 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 |
| ≥ 10000 | | 36.8 | 36.8 | 37.4 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 |
| ≥ 9000 | | 36.8 | 37.4 | 38.1 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 |
| ≥ 8000 | | 41.3 | 41.9 | 42.6 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| ≥ 7000 | | 41.9 | 42.6 | 43.2 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| ≥ 6000 | | 42.6 | 43.2 | 43.9 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| ≥ 5000 | | 48.4 | 49.0 | 49.7 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 4500 | | 51.6 | 52.3 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 4000 | | 51.6 | 52.3 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 3500 | | 53.6 | 54.8 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 3000 | | 58.7 | 60.0 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 2500 | | 63.2 | 64.5 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 2000 | | 70.3 | 71.6 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 1800 | | 72.3 | 73.6 | 74.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 1500 | | 80.7 | 82.6 | 83.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 1200 | | 83.2 | 85.2 | 86.5 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 1000 | | 85.2 | 87.7 | 90.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 900 | | 85.2 | 87.7 | 90.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 800 | | 86.5 | 89.7 | 92.9 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 700 | | 87.1 | 90.3 | 93.6 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 600 | | 87.1 | 90.3 | 93.6 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 500 | | 88.4 | 91.6 | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 400 | | 88.4 | 91.6 | 95.5 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | | 88.4 | 91.6 | 95.5 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | | 88.4 | 91.6 | 95.5 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 88.4 | 91.6 | 95.5 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 88.4 | 91.6 | 95.5 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH) | 15 (HOURS (L.S.T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 |
| ≥ 20000 | | 40.0 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| ≥ 18000 | | 40.0 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| ≥ 16000 | | 40.0 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| ≥ 14000 | | 40.0 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| ≥ 12000 | | 41.3 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 |
| ≥ 10000 | | 47.1 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 9000 | | 47.1 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 8000 | | 50.3 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 7000 | | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 6000 | | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 5000 | | 53.6 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 4500 | | 54.2 | 54.8 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 4000 | | 54.8 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 3500 | | 57.4 | 58.1 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 3000 | | 61.9 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 2500 | | 65.2 | 65.8 | 66.5 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 2000 | | 75.5 | 76.1 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 1800 | | 76.8 | 77.4 | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 1500 | | 82.6 | 84.5 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 1200 | | 85.2 | 87.1 | 87.7 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 1000 | | 86.5 | 89.0 | 90.3 | 91.0 | 91.0 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 900 | | 87.1 | 89.7 | 91.0 | 91.6 | 91.6 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 800 | | 87.7 | 90.3 | 91.6 | 92.3 | 92.9 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 700 | | 87.7 | 90.3 | 91.6 | 93.6 | 94.2 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 600 | | 87.7 | 91.0 | 92.9 | 95.5 | 96.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | | 88.4 | 91.6 | 93.6 | 96.1 | 96.8 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 88.4 | 91.6 | 93.6 | 96.1 | 96.8 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 88.4 | 91.6 | 93.6 | 96.1 | 96.8 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 88.4 | 91.6 | 93.6 | 96.1 | 96.8 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 88.4 | 91.6 | 93.6 | 96.1 | 96.8 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 88.4 | 91.6 | 93.6 | 96.1 | 96.8 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH) | 18 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 37.4 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 |
| ≥ 20000 | | 47.1 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 18000 | | 47.1 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 16000 | | 47.1 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 14000 | | 47.7 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| ≥ 12000 | | 49.0 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 10000 | | 51.0 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 9000 | | 51.6 | 52.3 | 52.3 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 8000 | | 56.1 | 57.4 | 57.4 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 7000 | | 57.4 | 59.4 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 6000 | | 60.0 | 61.9 | 61.9 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 5000 | | 61.3 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 4500 | | 61.3 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 4000 | | 61.9 | 63.9 | 63.9 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 3500 | | 63.9 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 3000 | | 66.5 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 2500 | | 70.3 | 72.3 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 2000 | | 73.6 | 75.5 | 75.5 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 1800 | | 74.2 | 76.1 | 76.1 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 1500 | | 79.4 | 81.3 | 81.3 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 1200 | | 82.6 | 84.5 | 84.5 | 85.8 | 85.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 1000 | | 85.2 | 88.4 | 88.4 | 89.7 | 90.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 900 | | 85.2 | 88.4 | 88.4 | 89.7 | 90.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 800 | | 86.5 | 90.3 | 90.3 | 92.3 | 92.9 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 700 | | 86.5 | 90.3 | 90.3 | 92.9 | 94.2 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 600 | | 86.5 | 91.0 | 91.6 | 94.2 | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 500 | | 86.5 | 91.0 | 92.3 | 95.5 | 96.8 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | | 86.5 | 91.0 | 92.3 | 95.5 | 96.8 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 86.5 | 91.0 | 92.3 | 95.5 | 96.8 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 86.5 | 91.0 | 92.3 | 95.5 | 96.8 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 86.5 | 91.0 | 92.3 | 95.5 | 96.8 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | | 86.5 | 91.0 | 92.3 | 95.5 | 96.8 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) MAR (MONTH)

21 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 42.6 | 42.6 | 42.6 | 42.6 |
| ≥ 20000 | | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 18000 | | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 16000 | | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 14000 | | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 12000 | | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 10000 | | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 9000 | | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 8000 | | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 7000 | | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 6000 | | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 5000 | | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 4500 | | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 4000 | | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 3500 | | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 3000 | | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 2500 | | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 2000 | | 74.2 | 74.2 | 74.8 | 74.8 | 74.8 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 1800 | | 74.2 | 74.2 | 74.8 | 74.8 | 74.8 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 1500 | | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 1200 | | 78.7 | 79.4 | 80.0 | 80.7 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 1000 | | 82.6 | 85.8 | 87.1 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 900 | | 82.6 | 85.8 | 87.1 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 800 | | 86.5 | 89.7 | 91.0 | 91.6 | 91.6 | 91.6 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 700 | | 87.1 | 91.6 | 92.9 | 93.6 | 93.6 | 93.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 600 | | 87.7 | 92.3 | 93.6 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 500 | | 88.4 | 92.9 | 94.2 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 400 | | 88.4 | 92.9 | 94.2 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 | 98.1 |
| ≥ 300 | | 88.4 | 92.9 | 94.2 | 96.1 | 96.1 | 96.8 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | | 88.4 | 92.9 | 94.2 | 96.1 | 96.1 | 96.8 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | | 88.4 | 92.9 | 94.2 | 96.1 | 96.1 | 96.8 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 99.4 | 100.0 | 100.0 | 100.0 |
| 0 | | 88.4 | 92.9 | 94.2 | 96.1 | 96.1 | 96.8 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 99.4 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAR (MONTH) | ALL (HOURS (L.S.T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 31.5 | 32.2 | 32.7 | 33.2 | 33.3 | 33.6 | 33.6 | 33.6 | 33.7 | 33.8 | 33.8 | 34.0 | 34.0 | 34.4 | 34.4 |
| ≥ 20000 | | 38.3 | 39.2 | 39.8 | 40.6 | 40.7 | 41.0 | 41.1 | 41.1 | 41.2 | 41.3 | 41.3 | 41.5 | 41.5 | 41.9 | 41.9 |
| ≥ 18000 | | 38.3 | 39.2 | 39.8 | 40.6 | 40.7 | 41.0 | 41.1 | 41.1 | 41.2 | 41.3 | 41.3 | 41.5 | 41.5 | 41.9 | 41.9 |
| ≥ 16000 | | 38.3 | 39.2 | 39.8 | 40.6 | 40.7 | 41.0 | 41.1 | 41.1 | 41.2 | 41.3 | 41.3 | 41.5 | 41.5 | 41.9 | 41.9 |
| ≥ 14000 | | 38.6 | 39.4 | 40.1 | 40.8 | 41.0 | 41.2 | 41.4 | 41.4 | 41.5 | 41.5 | 41.5 | 41.8 | 41.8 | 42.1 | 42.1 |
| ≥ 12000 | | 39.7 | 40.6 | 41.2 | 41.9 | 42.1 | 42.3 | 42.5 | 42.5 | 42.6 | 42.7 | 42.7 | 42.9 | 42.9 | 43.2 | 43.2 |
| ≥ 10000 | | 42.2 | 43.2 | 43.9 | 44.7 | 44.9 | 45.2 | 45.4 | 45.4 | 45.5 | 45.6 | 45.6 | 45.8 | 45.9 | 46.2 | 46.2 |
| ≥ 9000 | | 42.4 | 43.5 | 44.2 | 45.0 | 45.2 | 45.5 | 45.7 | 45.7 | 45.8 | 45.9 | 45.9 | 46.1 | 46.2 | 46.5 | 46.5 |
| ≥ 8000 | | 46.1 | 47.2 | 48.0 | 48.8 | 49.0 | 49.3 | 49.5 | 49.5 | 49.6 | 49.7 | 49.7 | 49.9 | 50.0 | 50.3 | 50.3 |
| ≥ 7000 | | 46.9 | 48.1 | 48.9 | 49.7 | 49.9 | 50.2 | 50.5 | 50.5 | 50.6 | 50.7 | 50.7 | 50.9 | 51.0 | 51.3 | 51.3 |
| ≥ 6000 | | 47.9 | 49.2 | 50.0 | 50.8 | 51.1 | 51.4 | 51.6 | 51.6 | 51.7 | 51.8 | 51.8 | 52.0 | 52.1 | 52.4 | 52.4 |
| ≥ 5000 | | 49.8 | 51.1 | 52.1 | 52.9 | 53.2 | 53.5 | 53.7 | 53.7 | 53.8 | 53.9 | 53.9 | 54.1 | 54.2 | 54.5 | 54.5 |
| ≥ 4500 | | 50.9 | 52.2 | 53.2 | 54.1 | 54.4 | 54.7 | 54.9 | 54.9 | 55.0 | 55.1 | 55.1 | 55.3 | 55.4 | 55.7 | 55.7 |
| ≥ 4000 | | 51.6 | 53.0 | 54.0 | 54.9 | 55.2 | 55.6 | 55.8 | 55.8 | 55.9 | 56.0 | 56.0 | 56.2 | 56.3 | 56.6 | 56.6 |
| ≥ 3500 | | 53.2 | 54.6 | 55.6 | 56.6 | 56.9 | 57.3 | 57.5 | 57.5 | 57.6 | 57.7 | 57.7 | 57.9 | 58.0 | 58.3 | 58.3 |
| ≥ 3000 | | 56.4 | 57.8 | 58.8 | 59.8 | 60.2 | 60.5 | 60.7 | 60.7 | 60.8 | 60.9 | 60.9 | 61.1 | 61.2 | 61.5 | 61.5 |
| ≥ 2500 | | 59.1 | 60.7 | 61.6 | 62.9 | 63.2 | 63.6 | 63.8 | 63.8 | 63.9 | 64.0 | 64.0 | 64.2 | 64.3 | 64.6 | 64.6 |
| ≥ 2000 | | 63.2 | 64.8 | 65.9 | 67.3 | 67.6 | 67.9 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.6 | 68.6 | 69.0 | 69.0 |
| ≥ 1800 | | 63.9 | 65.5 | 66.5 | 68.0 | 68.3 | 68.6 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.3 | 69.4 | 69.7 | 69.7 |
| ≥ 1500 | | 68.3 | 70.6 | 71.7 | 73.2 | 73.6 | 74.0 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.7 | 74.8 | 75.1 | 75.1 |
| ≥ 1200 | | 71.2 | 73.7 | 75.0 | 76.6 | 77.0 | 77.7 | 78.0 | 78.0 | 78.1 | 78.2 | 78.2 | 78.5 | 78.6 | 78.9 | 78.9 |
| ≥ 1000 | | 75.1 | 78.3 | 80.2 | 82.3 | 82.9 | 83.8 | 84.1 | 84.1 | 84.3 | 84.4 | 84.4 | 84.7 | 84.8 | 85.1 | 85.1 |
| ≥ 900 | | 75.6 | 78.9 | 80.8 | 83.1 | 83.6 | 84.6 | 84.9 | 84.9 | 85.1 | 85.2 | 85.2 | 85.5 | 85.6 | 85.9 | 85.9 |
| ≥ 800 | | 77.6 | 81.1 | 83.6 | 86.0 | 86.7 | 87.7 | 88.1 | 88.1 | 88.2 | 88.4 | 88.4 | 88.6 | 88.7 | 89.0 | 89.0 |
| ≥ 700 | | 78.4 | 82.1 | 84.8 | 87.6 | 88.5 | 89.6 | 89.9 | 89.9 | 90.1 | 90.2 | 90.2 | 90.6 | 90.7 | 91.0 | 91.0 |
| ≥ 600 | | 78.9 | 83.1 | 86.0 | 89.1 | 90.0 | 91.1 | 91.5 | 91.5 | 91.7 | 91.9 | 91.9 | 92.3 | 92.3 | 92.7 | 92.7 |
| ≥ 500 | | 79.4 | 83.9 | 87.2 | 90.5 | 91.5 | 92.7 | 93.2 | 93.2 | 93.4 | 93.8 | 93.8 | 94.1 | 94.2 | 94.5 | 94.5 |
| ≥ 400 | | 79.5 | 84.0 | 87.3 | 90.7 | 91.9 | 93.2 | 94.0 | 94.0 | 94.2 | 94.8 | 94.8 | 95.2 | 95.3 | 95.7 | 95.7 |
| ≥ 300 | | 79.5 | 84.0 | 87.3 | 90.9 | 92.0 | 93.5 | 94.3 | 94.3 | 94.6 | 95.3 | 95.3 | 95.7 | 95.9 | 96.2 | 96.3 |
| ≥ 200 | | 79.6 | 84.0 | 87.4 | 91.1 | 92.3 | 94.0 | 94.8 | 94.8 | 95.2 | 96.1 | 96.1 | 97.2 | 97.3 | 97.8 | 98.1 |
| ≥ 100 | | 79.6 | 84.0 | 87.4 | 91.2 | 92.3 | 94.0 | 94.9 | 94.9 | 95.4 | 96.4 | 96.4 | 97.8 | 98.0 | 98.7 | 99.2 |
| 0 | | 79.6 | 84.0 | 87.4 | 91.2 | 92.3 | 94.0 | 94.9 | 94.9 | 95.4 | 96.4 | 96.4 | 97.8 | 98.0 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 00 (HOURS (L.S.T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 54.7 | 54.7 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 20000 | | 65.3 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 18000 | | 65.3 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 16000 | | 65.3 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 14000 | | 65.3 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 12000 | | 65.3 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 10000 | | 69.3 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 9000 | | 70.0 | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 8000 | | 72.7 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 7000 | | 72.7 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 6000 | | 72.7 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 5000 | | 74.0 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 4500 | | 74.0 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 4000 | | 76.0 | 76.7 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 3500 | | 76.0 | 76.7 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 3000 | | 76.7 | 77.3 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 2500 | | 78.7 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 2000 | | 82.0 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 1800 | | 82.7 | 83.3 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 1500 | | 85.3 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1200 | | 87.3 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1000 | | 89.3 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 900 | | 89.3 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 800 | | 91.3 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 700 | | 92.7 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 600 | | 92.7 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 500 | | 92.7 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | | 92.7 | 96.0 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | | 92.7 | 96.0 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | | 92.7 | 96.0 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 100 | | 92.7 | 96.0 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |
| 0 | | 92.7 | 96.0 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 03 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 52.7 | 56.0 | 56.7 | 58.0 | 58.7 | 58.7 | 58.7 | 58.7 | 59.3 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 20000 | | 56.0 | 60.0 | 61.3 | 62.7 | 63.3 | 63.3 | 63.3 | 63.3 | 64.0 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 18000 | | 56.0 | 60.0 | 61.3 | 62.7 | 63.3 | 63.3 | 63.3 | 63.3 | 64.0 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 16000 | | 56.0 | 60.0 | 61.3 | 62.7 | 63.3 | 63.3 | 63.3 | 63.3 | 64.0 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 14000 | | 56.0 | 60.0 | 61.3 | 62.7 | 63.3 | 63.3 | 63.3 | 63.3 | 64.0 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 12000 | | 56.0 | 60.0 | 61.3 | 62.7 | 63.3 | 63.3 | 63.3 | 63.3 | 64.0 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 10000 | | 59.3 | 63.3 | 64.7 | 66.0 | 66.7 | 66.7 | 66.7 | 66.7 | 67.3 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 9000 | | 60.7 | 64.7 | 66.0 | 67.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.7 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 8000 | | 61.3 | 66.0 | 67.3 | 69.3 | 70.0 | 70.0 | 70.0 | 70.0 | 70.7 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 7000 | | 62.0 | 66.7 | 68.0 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 71.3 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 6000 | | 62.0 | 66.7 | 68.0 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 71.3 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 5000 | | 62.7 | 67.3 | 68.7 | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 72.0 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 4500 | | 64.0 | 68.7 | 70.0 | 72.0 | 72.7 | 72.7 | 72.7 | 72.7 | 73.3 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 4000 | | 65.3 | 70.0 | 71.3 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.7 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 3500 | | 65.3 | 70.0 | 71.3 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.7 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 3000 | | 66.0 | 71.3 | 72.7 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 76.0 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 2500 | | 66.0 | 71.3 | 73.3 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 | 76.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 2000 | | 68.7 | 74.0 | 76.0 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 79.3 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 1800 | | 68.7 | 74.0 | 76.0 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 79.3 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 1500 | | 72.0 | 78.7 | 81.3 | 83.3 | 84.0 | 84.0 | 84.0 | 84.0 | 84.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1200 | | 76.0 | 82.7 | 86.0 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 | 89.3 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1000 | | 78.7 | 85.3 | 88.7 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 92.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 900 | | 80.0 | 86.7 | 90.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 93.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 800 | | 82.0 | 88.7 | 92.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 95.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 700 | | 82.0 | 88.7 | 92.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 95.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 600 | | 82.0 | 88.7 | 92.0 | 94.0 | 94.7 | 94.7 | 95.3 | 95.3 | 96.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 500 | | 82.7 | 89.3 | 92.7 | 94.7 | 95.3 | 95.3 | 96.0 | 96.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | | 82.7 | 89.3 | 92.7 | 94.7 | 95.3 | 96.0 | 96.7 | 96.7 | 97.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | | 82.7 | 89.3 | 92.7 | 94.7 | 95.3 | 96.0 | 96.7 | 96.7 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | | 82.7 | 89.3 | 92.7 | 94.7 | 95.3 | 96.0 | 96.7 | 96.7 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 82.7 | 89.3 | 92.7 | 94.7 | 95.3 | 96.0 | 96.7 | 96.7 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | | 82.7 | 89.3 | 92.7 | 94.7 | 95.3 | 96.0 | 96.7 | 96.7 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) APR (MONTH)

06 (HOURS (L.S.T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 36.0 | 38.7 | 42.0 | 45.3 | 46.0 | 48.0 | 48.0 | 48.0 | 48.7 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 50.0 |
| ≥ 20000 | | 42.0 | 44.7 | 50.0 | 54.0 | 55.3 | 58.0 | 58.7 | 58.7 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 |
| ≥ 18000 | | 42.0 | 44.7 | 50.0 | 54.0 | 55.3 | 58.0 | 58.7 | 58.7 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 |
| ≥ 16000 | | 42.0 | 44.7 | 50.0 | 54.0 | 55.3 | 58.0 | 58.7 | 58.7 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 |
| ≥ 14000 | | 42.0 | 44.7 | 50.0 | 54.0 | 55.3 | 58.0 | 58.7 | 58.7 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 |
| ≥ 12000 | | 42.0 | 44.7 | 50.0 | 54.0 | 55.3 | 58.0 | 58.7 | 58.7 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 |
| ≥ 10000 | | 47.3 | 51.3 | 56.7 | 60.7 | 62.0 | 64.7 | 66.0 | 66.0 | 67.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.7 |
| ≥ 9000 | | 48.0 | 52.0 | 57.3 | 61.3 | 62.7 | 65.3 | 66.7 | 66.7 | 68.0 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 69.3 |
| ≥ 8000 | | 48.7 | 52.7 | 58.0 | 63.3 | 64.7 | 67.3 | 68.7 | 68.7 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 71.3 |
| ≥ 7000 | | 50.0 | 54.0 | 59.3 | 64.7 | 66.0 | 68.7 | 70.7 | 70.7 | 72.0 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 73.3 |
| ≥ 6000 | | 50.0 | 54.0 | 60.0 | 65.3 | 66.7 | 69.3 | 71.3 | 71.3 | 72.7 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 74.0 |
| ≥ 5000 | | 50.7 | 55.3 | 61.3 | 66.7 | 68.0 | 70.7 | 72.7 | 72.7 | 74.0 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 75.3 |
| ≥ 4500 | | 50.7 | 55.3 | 61.3 | 66.7 | 68.0 | 70.7 | 72.7 | 72.7 | 74.0 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 75.3 |
| ≥ 4000 | | 50.7 | 55.3 | 61.3 | 66.7 | 68.0 | 70.7 | 72.7 | 72.7 | 74.0 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 75.3 |
| ≥ 3500 | | 52.0 | 56.7 | 62.7 | 68.0 | 69.3 | 72.0 | 74.0 | 74.0 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.7 |
| ≥ 3000 | | 53.3 | 58.0 | 64.7 | 70.0 | 71.3 | 74.0 | 76.7 | 76.7 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 79.3 |
| ≥ 2500 | | 56.7 | 61.3 | 68.0 | 73.3 | 74.7 | 77.3 | 80.0 | 80.0 | 81.3 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.7 |
| ≥ 2000 | | 57.3 | 62.0 | 68.7 | 74.0 | 75.3 | 78.7 | 81.3 | 81.3 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 84.0 |
| ≥ 1800 | | 57.3 | 62.0 | 68.7 | 74.0 | 75.3 | 78.7 | 81.3 | 81.3 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 84.0 |
| ≥ 1500 | | 60.0 | 64.7 | 71.3 | 76.7 | 78.0 | 81.3 | 84.0 | 84.0 | 86.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 87.3 |
| ≥ 1200 | | 60.7 | 66.0 | 73.3 | 78.7 | 80.0 | 83.3 | 86.0 | 86.0 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 89.3 |
| ≥ 1000 | | 62.7 | 68.0 | 76.0 | 82.7 | 84.0 | 88.0 | 91.3 | 91.3 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.7 |
| ≥ 900 | | 62.7 | 68.0 | 76.7 | 83.3 | 84.7 | 88.7 | 92.0 | 92.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 95.3 |
| ≥ 800 | | 64.0 | 69.3 | 78.0 | 86.0 | 87.3 | 92.0 | 95.3 | 95.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 |
| ≥ 700 | | 64.0 | 69.3 | 78.0 | 86.0 | 87.3 | 92.0 | 95.3 | 95.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 |
| ≥ 600 | | 64.0 | 69.3 | 78.0 | 86.0 | 87.3 | 92.0 | 95.3 | 95.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 |
| ≥ 500 | | 64.0 | 69.3 | 78.0 | 86.0 | 87.3 | 92.0 | 95.3 | 95.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 |
| ≥ 400 | | 64.0 | 69.3 | 78.0 | 86.7 | 88.0 | 92.7 | 96.0 | 96.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 |
| ≥ 300 | | 64.0 | 69.3 | 78.0 | 86.7 | 88.0 | 92.7 | 96.0 | 96.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 |
| ≥ 200 | | 64.0 | 69.3 | 78.0 | 86.7 | 88.0 | 92.7 | 96.0 | 96.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 |
| ≥ 100 | | 64.0 | 69.3 | 78.0 | 86.7 | 88.0 | 92.7 | 96.0 | 96.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 |
| 0 | | 64.0 | 69.3 | 78.0 | 86.7 | 88.0 | 92.7 | 96.0 | 96.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 09 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 41.3 | 42.0 | 42.7 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 |
| ≥ 20000 | | 49.3 | 51.3 | 52.7 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 18000 | | 49.3 | 51.3 | 52.7 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 16000 | | 49.3 | 51.3 | 52.7 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 14000 | | 49.3 | 51.3 | 52.7 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 12000 | | 49.3 | 51.3 | 52.7 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 10000 | | 53.3 | 57.3 | 58.7 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 9000 | | 54.0 | 58.0 | 59.3 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 8000 | | 54.7 | 58.7 | 60.0 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 7000 | | 56.7 | 60.7 | 62.7 | 63.3 | 63.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 6000 | | 57.3 | 61.3 | 64.0 | 64.7 | 64.7 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 5000 | | 57.3 | 61.3 | 64.0 | 64.7 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 4500 | | 58.0 | 62.0 | 64.7 | 65.3 | 66.0 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 4000 | | 60.0 | 64.0 | 66.7 | 67.3 | 68.0 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 3500 | | 60.0 | 64.0 | 66.7 | 67.3 | 68.0 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 3000 | | 62.0 | 66.0 | 68.7 | 69.3 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 2500 | | 63.3 | 67.3 | 70.0 | 70.7 | 71.3 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 2000 | | 70.7 | 74.7 | 77.3 | 78.0 | 78.7 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 1800 | | 70.7 | 74.7 | 77.3 | 78.0 | 78.7 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 1500 | | 74.7 | 79.3 | 84.0 | 84.7 | 85.3 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1200 | | 77.3 | 82.0 | 87.3 | 88.7 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 1000 | | 79.3 | 84.0 | 90.7 | 92.7 | 93.3 | 94.0 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 900 | | 80.0 | 84.7 | 91.3 | 93.3 | 94.0 | 94.7 | 94.7 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 800 | | 80.7 | 85.3 | 92.0 | 94.0 | 94.7 | 95.3 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 700 | | 80.7 | 85.3 | 92.7 | 94.7 | 95.3 | 96.0 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | | 81.3 | 86.0 | 93.3 | 95.3 | 96.0 | 96.7 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | | 81.3 | 86.0 | 93.3 | 95.3 | 96.0 | 97.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | | 81.3 | 86.0 | 93.3 | 95.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 81.3 | 86.0 | 93.3 | 95.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 81.3 | 86.0 | 93.3 | 95.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 81.3 | 86.0 | 93.3 | 95.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 81.3 | 86.0 | 93.3 | 95.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 12 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 36.0 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 20000 | | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| V ≥ 18000 | | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| IV ≥ 16000 | | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| V ≥ 14000 | | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| IV ≥ 12000 | | 54.0 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| V ≥ 10000 | | 57.3 | 58.0 | 58.0 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| IV ≥ 9000 | | 57.3 | 58.0 | 58.0 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| V ≥ 8000 | | 60.0 | 60.7 | 61.3 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| IV ≥ 7000 | | 60.7 | 61.3 | 62.0 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| V ≥ 6000 | | 62.0 | 62.7 | 63.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| IV ≥ 5000 | | 62.0 | 62.7 | 63.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| V ≥ 4500 | | 62.0 | 62.7 | 63.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| IV ≥ 4000 | | 62.7 | 63.3 | 64.0 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| V ≥ 3500 | | 64.0 | 64.7 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| IV ≥ 3000 | | 73.3 | 74.0 | 74.7 | 76.0 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| V ≥ 2500 | | 81.3 | 82.0 | 82.7 | 84.0 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV ≥ 2000 | | 86.0 | 87.3 | 88.0 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| V ≥ 1800 | | 86.7 | 88.0 | 88.7 | 90.0 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV ≥ 1500 | | 89.3 | 92.0 | 92.7 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| V ≥ 1200 | | 90.0 | 92.7 | 94.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IV ≥ 1000 | | 92.0 | 95.3 | 96.7 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| V ≥ 900 | | 92.0 | 95.3 | 96.7 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV ≥ 800 | | 92.0 | 95.3 | 96.7 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| V ≥ 700 | | 92.0 | 95.3 | 96.7 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV ≥ 600 | | 92.0 | 95.3 | 96.7 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| V ≥ 500 | | 92.7 | 96.0 | 97.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV ≥ 400 | | 92.7 | 96.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| V ≥ 300 | | 92.7 | 96.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV ≥ 200 | | 92.7 | 96.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| V ≥ 100 | | 92.7 | 96.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | | 92.7 | 96.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H 2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 15 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| ≥ 20000 | | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 18000 | | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 16000 | | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 14000 | | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 12000 | | 59.3 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 10000 | | 63.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 9000 | | 63.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 8000 | | 67.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 7000 | | 69.3 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 6000 | | 69.3 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 5000 | | 69.3 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 4500 | | 70.7 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 4000 | | 73.3 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 3500 | | 74.7 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 3000 | | 80.0 | 81.3 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 2500 | | 84.7 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 2000 | | 86.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1800 | | 86.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1500 | | 89.3 | 92.7 | 94.0 | 95.3 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1200 | | 90.0 | 93.3 | 94.7 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1000 | | 91.3 | 94.7 | 96.0 | 98.0 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | | 91.3 | 94.7 | 96.0 | 98.0 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | | 91.3 | 94.7 | 96.0 | 98.0 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | | 91.3 | 95.3 | 96.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 91.3 | 95.3 | 96.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 91.3 | 95.3 | 96.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 91.3 | 95.3 | 96.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 91.3 | 95.3 | 96.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 91.3 | 95.3 | 96.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 91.3 | 95.3 | 96.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 91.3 | 95.3 | 96.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 18 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 20000 | | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 18000 | | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 16000 | | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 14000 | | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 12000 | | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 10000 | | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 9000 | | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 8000 | | 74.7 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 7000 | | 75.3 | 76.0 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 6000 | | 76.0 | 76.7 | 77.3 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 5000 | | 77.3 | 78.0 | 78.7 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 4500 | | 78.0 | 78.7 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 4000 | | 79.3 | 80.7 | 81.3 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 3500 | | 79.3 | 81.3 | 82.0 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 3000 | | 81.3 | 83.3 | 84.0 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 2500 | | 82.7 | 84.7 | 85.3 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 2000 | | 84.7 | 86.7 | 87.3 | 88.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1800 | | 84.7 | 86.7 | 87.3 | 88.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1500 | | 85.3 | 88.0 | 88.7 | 90.0 | 90.0 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1200 | | 86.7 | 90.0 | 90.7 | 92.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1000 | | 87.3 | 90.7 | 91.3 | 93.3 | 93.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 |
| ≥ 900 | | 87.3 | 90.7 | 91.3 | 93.3 | 93.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 |
| ≥ 800 | | 87.3 | 90.7 | 91.3 | 93.3 | 93.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 |
| ≥ 700 | | 87.3 | 90.7 | 91.3 | 93.3 | 93.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 |
| ≥ 600 | | 87.3 | 90.7 | 91.3 | 93.3 | 93.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 |
| ≥ 500 | | 87.3 | 90.7 | 91.3 | 94.0 | 94.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.3 | 97.3 | 98.0 | 98.0 | 98.7 | 98.7 |
| ≥ 400 | | 87.3 | 90.7 | 91.3 | 94.0 | 94.7 | 97.3 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 |
| ≥ 300 | | 87.3 | 90.7 | 91.3 | 94.0 | 95.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 200 | | 87.3 | 90.7 | 91.3 | 94.0 | 95.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 100 | | 87.3 | 90.7 | 91.3 | 94.0 | 95.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| 0 | | 87.3 | 90.7 | 91.3 | 94.0 | 95.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H 2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | APR (MONTH) | 21 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 57.3 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 20000 | | 66.0 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 18000 | | 66.0 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 16000 | | 66.0 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 14000 | | 66.0 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 12000 | | 66.7 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 10000 | | 72.0 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 9000 | | 72.7 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 8000 | | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 7000 | | 76.0 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 6000 | | 76.7 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 5000 | | 77.3 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 4500 | | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 4000 | | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 3500 | | 81.3 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 3000 | | 83.3 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 2500 | | 84.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 2000 | | 86.7 | 88.0 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 1800 | | 87.3 | 88.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1500 | | 89.3 | 91.3 | 91.3 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 1200 | | 90.7 | 92.7 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1000 | | 91.3 | 94.0 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 900 | | 91.3 | 94.0 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 800 | | 92.7 | 95.3 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 700 | | 92.7 | 95.3 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 600 | | 92.7 | 95.3 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 500 | | 94.0 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | | 94.0 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | | 94.0 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | | 94.0 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 100 | | 94.0 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 0 | | 94.0 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) APR (MONTH) ALL (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 47.3 | 48.3 | 49.0 | 49.7 | 49.8 | 50.1 | 50.1 | 50.1 | 50.3 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.5 |
| ≥ 20000 | | 56.7 | 57.9 | 59.0 | 59.8 | 60.0 | 60.3 | 60.4 | 60.4 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 |
| ≥ 18000 | | 56.7 | 57.9 | 59.0 | 59.8 | 60.0 | 60.3 | 60.4 | 60.4 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 |
| ≥ 16000 | | 56.7 | 57.9 | 59.0 | 59.8 | 60.0 | 60.3 | 60.4 | 60.4 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 |
| ≥ 14000 | | 56.7 | 57.9 | 59.0 | 59.8 | 60.0 | 60.3 | 60.4 | 60.4 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 |
| ≥ 12000 | | 57.3 | 58.6 | 59.7 | 60.4 | 60.7 | 61.0 | 61.1 | 61.1 | 61.3 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 |
| ≥ 10000 | | 61.6 | 63.5 | 64.6 | 65.4 | 65.7 | 66.0 | 66.2 | 66.2 | 66.4 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 |
| ≥ 9000 | | 62.1 | 64.0 | 65.1 | 65.9 | 66.2 | 66.5 | 66.7 | 66.7 | 66.9 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.3 |
| ≥ 8000 | | 64.3 | 66.3 | 67.5 | 68.6 | 68.8 | 69.3 | 69.4 | 69.4 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 |
| ≥ 7000 | | 65.3 | 67.3 | 68.7 | 69.8 | 70.0 | 70.4 | 70.7 | 70.7 | 70.9 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 |
| ≥ 6000 | | 65.8 | 67.8 | 69.3 | 70.4 | 70.7 | 71.1 | 71.3 | 71.3 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 |
| ≥ 5000 | | 66.3 | 68.4 | 69.9 | 71.1 | 71.4 | 71.8 | 72.1 | 72.1 | 72.3 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 |
| ≥ 4500 | | 66.9 | 69.1 | 70.6 | 71.8 | 72.1 | 72.5 | 72.8 | 72.8 | 73.0 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 4000 | | 68.4 | 70.7 | 72.2 | 73.3 | 73.7 | 74.1 | 74.3 | 74.3 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 |
| ≥ 3500 | | 69.1 | 71.4 | 72.9 | 74.1 | 74.4 | 74.8 | 75.1 | 75.1 | 75.3 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 |
| ≥ 3000 | | 72.0 | 74.5 | 76.2 | 77.4 | 77.8 | 78.3 | 78.6 | 78.6 | 78.8 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 |
| ≥ 2500 | | 74.8 | 77.3 | 79.1 | 80.3 | 80.8 | 81.2 | 81.5 | 81.5 | 81.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 |
| ≥ 2000 | | 77.8 | 80.5 | 82.3 | 83.7 | 84.1 | 84.7 | 85.0 | 85.0 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 |
| ≥ 1800 | | 78.1 | 80.8 | 82.5 | 83.9 | 84.3 | 84.9 | 85.3 | 85.3 | 85.5 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 1500 | | 80.7 | 84.2 | 86.3 | 87.9 | 88.3 | 89.0 | 89.3 | 89.3 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 |
| ≥ 1200 | | 82.3 | 86.0 | 88.5 | 90.2 | 90.6 | 91.3 | 91.6 | 91.6 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 |
| ≥ 1000 | | 84.0 | 88.0 | 90.8 | 92.9 | 93.4 | 94.3 | 94.8 | 94.8 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.6 |
| ≥ 900 | | 84.3 | 88.3 | 91.2 | 93.3 | 93.8 | 94.7 | 95.1 | 95.1 | 95.5 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 |
| ≥ 800 | | 85.2 | 89.2 | 92.1 | 94.3 | 94.8 | 95.8 | 96.3 | 96.3 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.2 |
| ≥ 700 | | 85.3 | 89.4 | 92.4 | 94.7 | 95.2 | 96.2 | 96.8 | 96.8 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.7 |
| ≥ 600 | | 85.4 | 89.5 | 92.5 | 94.8 | 95.3 | 96.3 | 96.9 | 96.9 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 |
| ≥ 500 | | 85.8 | 89.9 | 93.0 | 95.3 | 95.9 | 97.1 | 97.8 | 97.8 | 98.3 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 400 | | 85.8 | 89.9 | 93.0 | 95.4 | 96.1 | 97.5 | 98.3 | 98.3 | 98.8 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 |
| ≥ 300 | | 85.8 | 89.9 | 93.0 | 95.4 | 96.2 | 97.6 | 98.3 | 98.3 | 99.0 | 99.3 | 99.3 | 99.5 | 99.5 | 99.6 | 99.7 |
| ≥ 200 | | 85.8 | 89.9 | 93.0 | 95.4 | 96.2 | 97.6 | 98.3 | 98.3 | 99.0 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 100 | | 85.8 | 89.9 | 93.0 | 95.4 | 96.2 | 97.6 | 98.3 | 98.3 | 99.0 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 |
| 0 | | 85.8 | 89.9 | 93.0 | 95.4 | 96.2 | 97.6 | 98.3 | 98.3 | 99.0 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H 2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) MAY (MONTH) 00 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 59.4 | 62.6 | 63.9 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 20000 | | 67.7 | 72.3 | 73.6 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 18000 | | 68.4 | 72.9 | 74.2 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 16000 | | 68.4 | 72.9 | 74.2 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 14000 | | 68.4 | 72.9 | 74.2 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 12000 | | 69.0 | 73.6 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 10000 | | 72.9 | 77.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 9000 | | 74.2 | 78.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 8000 | | 78.1 | 82.6 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 7000 | | 80.7 | 85.2 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 6000 | | 80.7 | 85.2 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 5000 | | 80.7 | 85.8 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4500 | | 80.7 | 85.8 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | | 82.6 | 87.7 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 3500 | | 82.6 | 87.7 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 3000 | | 84.5 | 89.7 | 92.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 2500 | | 86.5 | 91.6 | 94.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 2000 | | 87.1 | 92.3 | 94.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1800 | | 87.1 | 92.3 | 94.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1500 | | 89.0 | 94.2 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1200 | | 89.7 | 94.8 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | | 90.3 | 95.5 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | | 91.0 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 91.0 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 91.0 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 91.0 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 91.0 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 91.0 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 91.0 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 91.0 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 91.0 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 91.0 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH) | 03 (HOURS (L.S.T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 49.0 | 56.1 | 58.1 | 60.0 | 60.7 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 63.9 | 63.9 |
| ≥ 20000 | | 57.4 | 64.5 | 67.1 | 69.0 | 69.7 | 71.0 | 71.6 | 71.6 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 74.2 | 74.2 |
| ≥ 18000 | | 57.4 | 64.5 | 67.1 | 69.0 | 69.7 | 71.0 | 71.6 | 71.6 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 74.2 | 74.2 |
| ≥ 16000 | | 57.4 | 64.5 | 67.1 | 69.0 | 69.7 | 71.0 | 71.6 | 71.6 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 74.2 | 74.2 |
| ≥ 14000 | | 57.4 | 64.5 | 67.1 | 69.0 | 69.7 | 71.0 | 71.6 | 71.6 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 74.2 | 74.2 |
| ≥ 12000 | | 58.7 | 65.8 | 68.4 | 70.3 | 71.0 | 72.3 | 72.9 | 72.9 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 75.5 | 75.5 |
| ≥ 10000 | | 60.0 | 67.7 | 70.3 | 72.3 | 72.9 | 74.2 | 74.8 | 74.8 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 77.4 | 77.4 |
| ≥ 9000 | | 60.0 | 67.7 | 70.3 | 72.3 | 72.9 | 74.2 | 74.8 | 74.8 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 77.4 | 77.4 |
| ≥ 8000 | | 64.5 | 72.9 | 75.5 | 77.4 | 78.1 | 79.4 | 80.0 | 80.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 82.6 | 82.6 |
| ≥ 7000 | | 65.8 | 74.2 | 76.8 | 78.7 | 79.4 | 80.7 | 81.3 | 81.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 83.9 | 83.9 |
| ≥ 6000 | | 65.8 | 74.2 | 76.8 | 78.7 | 79.4 | 80.7 | 81.3 | 81.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 83.9 | 83.9 |
| ≥ 5000 | | 67.7 | 76.8 | 79.4 | 81.3 | 81.9 | 83.2 | 83.9 | 83.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 86.5 | 86.5 |
| ≥ 4500 | | 67.7 | 76.8 | 79.4 | 81.3 | 81.9 | 83.2 | 83.9 | 83.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 86.5 | 86.5 |
| ≥ 4000 | | 68.4 | 77.4 | 80.0 | 81.9 | 82.6 | 83.9 | 84.5 | 84.5 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 87.1 | 87.1 |
| ≥ 3500 | | 69.0 | 78.7 | 81.3 | 83.2 | 83.9 | 85.2 | 85.8 | 85.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 88.4 | 88.4 |
| ≥ 3000 | | 72.3 | 81.9 | 85.2 | 87.1 | 87.7 | 89.0 | 89.7 | 89.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 92.3 | 92.3 |
| ≥ 2500 | | 72.3 | 81.9 | 85.2 | 87.1 | 87.7 | 89.0 | 89.7 | 89.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 92.3 | 92.3 |
| ≥ 2000 | | 72.9 | 83.2 | 86.5 | 88.4 | 89.0 | 90.3 | 91.0 | 91.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 93.6 | 93.6 |
| ≥ 1800 | | 72.9 | 83.2 | 86.5 | 88.4 | 89.0 | 90.3 | 91.0 | 91.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 93.6 | 93.6 |
| ≥ 1500 | | 74.8 | 85.2 | 89.0 | 91.0 | 91.6 | 92.9 | 93.6 | 93.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 96.1 | 96.1 |
| ≥ 1200 | | 75.5 | 85.8 | 89.7 | 92.3 | 92.9 | 94.2 | 94.8 | 94.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 97.4 | 97.4 |
| ≥ 1000 | | 76.1 | 86.5 | 90.3 | 93.6 | 94.2 | 95.5 | 96.1 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 |
| ≥ 900 | | 76.8 | 87.1 | 91.0 | 94.2 | 94.8 | 96.1 | 96.8 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 |
| ≥ 800 | | 77.4 | 87.7 | 91.6 | 94.8 | 95.5 | 96.8 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 |
| ≥ 700 | | 77.4 | 87.7 | 91.6 | 94.8 | 95.5 | 96.8 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 |
| ≥ 600 | | 77.4 | 87.7 | 91.6 | 94.8 | 95.5 | 96.8 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 |
| ≥ 500 | | 77.4 | 87.7 | 91.6 | 94.8 | 95.5 | 96.8 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 |
| ≥ 400 | | 77.4 | 87.7 | 91.6 | 94.8 | 95.5 | 96.8 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 |
| ≥ 300 | | 77.4 | 87.7 | 91.6 | 94.8 | 95.5 | 96.8 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 |
| ≥ 200 | | 77.4 | 87.7 | 91.6 | 94.8 | 95.5 | 96.8 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 |
| ≥ 100 | | 77.4 | 87.7 | 91.6 | 94.8 | 95.5 | 96.8 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 |
| 0 | | 77.4 | 87.7 | 91.6 | 94.8 | 95.5 | 96.8 | 97.4 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H 2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

06 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 26.5 | 29.0 | 31.0 | 40.0 | 40.7 | 43.9 | 45.8 | 45.8 | 47.7 | 47.7 | 47.7 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 20000 | | 34.8 | 40.0 | 42.6 | 52.9 | 53.6 | 57.4 | 60.0 | 60.0 | 62.6 | 62.6 | 62.6 | 65.8 | 65.8 | 65.8 | 66.5 |
| IV IV 18000 | | 34.8 | 40.0 | 42.6 | 52.9 | 53.6 | 57.4 | 60.0 | 60.0 | 62.6 | 62.6 | 62.6 | 65.8 | 65.8 | 65.8 | 66.5 |
| IV IV 16000 | | 34.8 | 40.0 | 42.6 | 52.9 | 53.6 | 57.4 | 60.0 | 60.0 | 62.6 | 62.6 | 62.6 | 65.8 | 65.8 | 65.8 | 66.5 |
| IV IV 14000 | | 34.8 | 40.0 | 42.6 | 52.9 | 53.6 | 57.4 | 60.0 | 60.0 | 62.6 | 62.6 | 62.6 | 65.8 | 65.8 | 65.8 | 66.5 |
| IV IV 12000 | | 36.1 | 41.3 | 44.5 | 54.8 | 56.1 | 60.0 | 62.6 | 62.6 | 65.2 | 65.2 | 65.2 | 68.4 | 68.4 | 68.4 | 69.0 |
| IV IV 10000 | | 38.7 | 44.5 | 47.7 | 59.4 | 61.9 | 65.8 | 69.0 | 69.0 | 71.6 | 71.6 | 71.6 | 74.8 | 74.8 | 74.8 | 75.5 |
| IV IV 9000 | | 38.7 | 44.5 | 47.7 | 59.4 | 61.9 | 65.8 | 69.0 | 69.0 | 71.6 | 71.6 | 71.6 | 74.8 | 74.8 | 74.8 | 75.5 |
| IV IV 8000 | | 43.2 | 50.3 | 54.2 | 65.8 | 68.4 | 72.3 | 76.1 | 76.1 | 78.7 | 78.7 | 78.7 | 81.9 | 81.9 | 81.9 | 82.6 |
| IV IV 7000 | | 43.9 | 51.0 | 55.5 | 67.1 | 69.7 | 73.6 | 77.4 | 77.4 | 80.0 | 80.0 | 80.0 | 83.2 | 83.2 | 83.2 | 83.9 |
| IV IV 6000 | | 43.9 | 51.0 | 55.5 | 67.1 | 70.3 | 74.2 | 78.1 | 78.1 | 80.7 | 80.7 | 80.7 | 83.9 | 83.9 | 83.9 | 84.5 |
| IV IV 5000 | | 44.5 | 51.6 | 56.1 | 67.7 | 71.0 | 74.8 | 78.7 | 78.7 | 81.3 | 81.3 | 81.3 | 84.5 | 84.5 | 84.5 | 85.2 |
| IV IV 4500 | | 44.5 | 51.6 | 56.1 | 67.7 | 71.0 | 74.8 | 78.7 | 78.7 | 81.3 | 81.3 | 81.3 | 84.5 | 84.5 | 84.5 | 85.2 |
| IV IV 4000 | | 46.5 | 53.6 | 58.1 | 69.7 | 72.9 | 76.8 | 80.7 | 80.7 | 83.2 | 83.2 | 83.2 | 86.5 | 86.5 | 86.5 | 87.1 |
| IV IV 3500 | | 46.5 | 53.6 | 58.1 | 69.7 | 72.9 | 76.8 | 80.7 | 80.7 | 83.2 | 83.2 | 83.2 | 86.5 | 86.5 | 86.5 | 87.1 |
| IV IV 3000 | | 47.7 | 54.8 | 59.4 | 71.0 | 74.2 | 78.1 | 81.9 | 81.9 | 84.5 | 84.5 | 84.5 | 88.4 | 88.4 | 88.4 | 89.0 |
| IV IV 2500 | | 48.4 | 55.5 | 60.0 | 72.3 | 75.5 | 79.4 | 83.2 | 83.2 | 85.8 | 85.8 | 85.8 | 89.7 | 89.7 | 89.7 | 90.3 |
| IV IV 2000 | | 49.7 | 56.8 | 61.3 | 73.6 | 76.8 | 80.7 | 84.5 | 84.5 | 87.1 | 87.1 | 87.1 | 91.0 | 91.0 | 91.0 | 91.6 |
| IV IV 1800 | | 49.7 | 56.8 | 61.3 | 73.6 | 76.8 | 80.7 | 84.5 | 84.5 | 87.1 | 87.1 | 87.1 | 91.0 | 91.0 | 91.0 | 91.6 |
| IV IV 1500 | | 49.7 | 56.8 | 61.9 | 74.2 | 77.4 | 81.3 | 85.2 | 85.2 | 87.7 | 87.7 | 87.7 | 91.6 | 91.6 | 91.6 | 92.3 |
| IV IV 1200 | | 50.3 | 57.4 | 62.6 | 74.8 | 78.1 | 81.9 | 85.8 | 85.8 | 88.4 | 88.4 | 88.4 | 92.3 | 92.3 | 92.3 | 92.9 |
| IV IV 1000 | | 51.0 | 58.7 | 65.2 | 77.4 | 80.7 | 84.5 | 88.4 | 88.4 | 91.0 | 91.0 | 91.0 | 94.8 | 94.8 | 94.8 | 95.5 |
| IV IV 900 | | 51.0 | 58.7 | 65.2 | 77.4 | 80.7 | 84.5 | 88.4 | 88.4 | 91.0 | 91.0 | 91.0 | 94.8 | 94.8 | 94.8 | 95.5 |
| IV IV 800 | | 51.0 | 58.7 | 65.2 | 77.4 | 80.7 | 84.5 | 89.0 | 89.0 | 91.6 | 91.6 | 91.6 | 95.5 | 95.5 | 95.5 | 96.1 |
| IV IV 700 | | 51.0 | 58.7 | 65.8 | 78.1 | 81.3 | 85.2 | 89.7 | 89.7 | 92.3 | 92.3 | 92.3 | 96.1 | 96.1 | 96.1 | 96.8 |
| IV IV 600 | | 51.0 | 58.7 | 65.8 | 78.1 | 81.3 | 85.2 | 89.7 | 89.7 | 92.3 | 92.9 | 92.9 | 96.8 | 96.8 | 96.8 | 97.4 |
| IV IV 500 | | 51.0 | 58.7 | 65.8 | 78.1 | 81.3 | 85.2 | 89.7 | 89.7 | 92.3 | 92.9 | 92.9 | 96.8 | 96.8 | 96.8 | 97.4 |
| IV IV 400 | | 51.6 | 59.4 | 66.5 | 78.7 | 82.6 | 86.5 | 91.0 | 91.0 | 93.6 | 94.2 | 94.2 | 98.1 | 98.1 | 98.1 | 98.7 |
| IV IV 300 | | 51.6 | 59.4 | 66.5 | 78.7 | 82.6 | 86.5 | 91.0 | 91.0 | 93.6 | 94.2 | 94.2 | 98.1 | 98.1 | 98.1 | 98.7 |
| IV IV 200 | | 51.6 | 59.4 | 66.5 | 78.7 | 82.6 | 86.5 | 91.0 | 91.0 | 93.6 | 94.2 | 94.2 | 98.1 | 98.1 | 98.1 | 99.4 |
| IV IV 100 | | 51.6 | 59.4 | 66.5 | 78.7 | 82.6 | 86.5 | 91.0 | 91.0 | 93.6 | 94.2 | 94.2 | 98.1 | 98.1 | 98.1 | 100.0 |
| IV IV 0 | | 51.6 | 59.4 | 66.5 | 78.7 | 82.6 | 86.5 | 91.0 | 91.0 | 93.6 | 94.2 | 94.2 | 98.1 | 98.1 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH) | 09 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 34.2 | 35.5 | 38.1 | 38.7 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| ≥ 20000 | | 43.9 | 45.2 | 49.7 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 18000 | | 43.9 | 45.2 | 49.7 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 16000 | | 43.9 | 45.2 | 49.7 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 14000 | | 43.9 | 45.2 | 49.7 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 12000 | | 45.8 | 47.1 | 51.6 | 53.6 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 10000 | | 52.3 | 53.6 | 58.1 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 9000 | | 52.9 | 54.2 | 58.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 8000 | | 56.1 | 57.4 | 61.9 | 63.9 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 7000 | | 56.1 | 57.4 | 61.9 | 63.9 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 6000 | | 56.8 | 58.1 | 62.6 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 5000 | | 56.8 | 58.7 | 63.2 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 4500 | | 56.8 | 58.7 | 63.2 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 4000 | | 58.1 | 60.0 | 65.2 | 67.1 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 3500 | | 58.7 | 60.7 | 65.8 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 3000 | | 60.7 | 63.2 | 68.4 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 2500 | | 65.2 | 68.4 | 73.6 | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 2000 | | 71.0 | 74.8 | 80.7 | 83.9 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 1800 | | 72.3 | 76.8 | 82.6 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 1500 | | 79.4 | 84.5 | 90.3 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1200 | | 80.7 | 85.8 | 91.6 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1000 | | 81.9 | 87.7 | 94.2 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | | 81.9 | 87.7 | 94.2 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | | 81.9 | 87.7 | 94.2 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | | 81.9 | 87.7 | 94.2 | 98.1 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 81.9 | 87.7 | 94.2 | 98.1 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 81.9 | 87.7 | 94.2 | 98.1 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 81.9 | 87.7 | 94.2 | 98.1 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 81.9 | 87.7 | 94.2 | 98.1 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 81.9 | 87.7 | 94.2 | 98.1 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 81.9 | 87.7 | 94.2 | 98.1 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 81.9 | 87.7 | 94.2 | 98.1 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

| 12958 | NEW ORLEANS, LOUISIANA | 73-77 | MAY | 12 |
|---|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH | HOURS (L S T.) |

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 37.4 | 40.7 | 40.7 | 40.7 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| ≥ 20000 | | 47.1 | 50.3 | 51.0 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 18000 | | 47.1 | 50.3 | 51.0 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 16000 | | 47.1 | 50.3 | 51.0 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 14000 | | 47.1 | 50.3 | 51.0 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 12000 | | 48.4 | 51.6 | 52.3 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 10000 | | 51.6 | 56.1 | 56.8 | 57.4 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 9000 | | 51.6 | 56.1 | 56.8 | 57.4 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 8000 | | 54.2 | 58.7 | 59.4 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 7000 | | 54.2 | 58.7 | 59.4 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 6000 | | 55.5 | 60.0 | 60.7 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 5000 | | 56.1 | 60.7 | 61.3 | 61.9 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 4500 | | 56.8 | 61.3 | 61.9 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 4000 | | 57.4 | 62.6 | 63.2 | 63.9 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 3500 | | 58.1 | 63.2 | 63.9 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 3000 | | 67.1 | 72.3 | 72.9 | 73.6 | 74.2 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 2500 | | 75.5 | 80.7 | 81.3 | 81.9 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 2000 | | 80.7 | 87.1 | 88.4 | 89.0 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1800 | | 80.7 | 87.1 | 88.4 | 89.0 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1500 | | 85.2 | 92.3 | 93.6 | 94.2 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1200 | | 86.5 | 93.6 | 95.5 | 96.1 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | | 87.7 | 94.8 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | | 87.7 | 94.8 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | | 87.7 | 94.8 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | | 87.7 | 94.8 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 87.7 | 94.8 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 87.7 | 94.8 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 87.7 | 94.8 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 87.7 | 94.8 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 87.7 | 94.8 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 87.7 | 94.8 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 87.7 | 94.8 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH) | 15 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 39.4 | 40.7 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| ≥ 20000 | | 62.6 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 18000 | | 62.6 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 16000 | | 62.6 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 14000 | | 62.6 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 12000 | | 63.2 | 65.2 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 10000 | | 65.8 | 67.7 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 9000 | | 66.5 | 68.4 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 8000 | | 67.7 | 69.7 | 70.3 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 7000 | | 70.3 | 72.3 | 72.9 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 6000 | | 71.0 | 73.6 | 74.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 5000 | | 72.9 | 75.5 | 76.1 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 4500 | | 75.5 | 78.1 | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 4000 | | 76.1 | 78.7 | 80.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 3500 | | 76.8 | 79.4 | 80.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 3000 | | 81.9 | 84.5 | 85.8 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 2500 | | 87.1 | 89.7 | 91.0 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 2000 | | 91.0 | 93.6 | 94.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1800 | | 91.6 | 94.2 | 95.5 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1500 | | 93.6 | 96.1 | 97.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | | 93.6 | 96.1 | 97.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | | 94.2 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 94.2 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 94.2 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 94.2 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 94.2 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 94.2 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 94.2 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 94.2 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 94.2 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 94.2 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 94.2 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

18 HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 43.9 | 45.8 | 46.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 20000 | | 66.5 | 69.0 | 69.7 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 18000 | | 67.1 | 69.7 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 16000 | | 67.1 | 69.7 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 14000 | | 67.1 | 69.7 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 12000 | | 69.7 | 72.3 | 72.9 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 10000 | | 77.4 | 80.7 | 81.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 9000 | | 77.4 | 80.7 | 81.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 8000 | | 80.7 | 83.9 | 84.5 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 7000 | | 82.6 | 85.8 | 86.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 6000 | | 83.2 | 86.5 | 87.1 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 5000 | | 83.2 | 86.5 | 87.1 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 4500 | | 83.2 | 86.5 | 87.1 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 4000 | | 84.5 | 88.4 | 89.0 | 90.3 | 90.3 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 3500 | | 84.5 | 88.4 | 89.0 | 90.3 | 90.3 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 3000 | | 86.5 | 90.3 | 91.0 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 2500 | | 86.5 | 90.3 | 91.0 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 2000 | | 88.4 | 92.3 | 92.9 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1800 | | 89.0 | 92.9 | 93.6 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1500 | | 90.3 | 94.2 | 94.8 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1200 | | 91.0 | 94.8 | 95.5 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | | 92.3 | 96.1 | 96.8 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | | 92.3 | 96.1 | 96.8 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | | 92.3 | 96.1 | 96.8 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | | 92.3 | 96.1 | 96.8 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | | 92.3 | 96.1 | 96.8 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | | 92.3 | 96.1 | 96.8 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 92.3 | 96.1 | 96.8 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 92.3 | 96.1 | 96.8 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 92.3 | 96.1 | 96.8 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 92.3 | 96.1 | 96.8 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 92.3 | 96.1 | 96.8 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANME SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | MAY (MONTH) | 21 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 56.1 | 58.1 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 20000 | | 72.3 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 18000 | | 72.3 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 16000 | | 72.3 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 14000 | | 72.3 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 12000 | | 72.3 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 10000 | | 76.1 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 9000 | | 76.1 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 8000 | | 81.3 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 7000 | | 83.9 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 6000 | | 83.9 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 5000 | | 83.9 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4500 | | 85.2 | 89.0 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 4000 | | 87.1 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 3500 | | 88.4 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 3000 | | 89.0 | 92.9 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 2500 | | 90.3 | 94.2 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 2000 | | 91.6 | 95.5 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1800 | | 91.6 | 95.5 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1500 | | 91.6 | 95.5 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1200 | | 91.6 | 96.1 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | | 92.3 | 96.8 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | | 92.3 | 96.8 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | | 92.9 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | | 92.9 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | | 92.9 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | | 92.9 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 92.9 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 92.9 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 92.9 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 92.9 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 92.9 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) MAY (MONTH) ALL (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | [illegible] | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 43.2 | 46.1 | 47.3 | [illegible] | 49.3 | 49.8 | 50.1 | 50.1 | 50.4 | 50.5 | 50.5 | 50.8 | 50.8 | 51.0 | 51.0 |
| ≥ 20000 | | 56.5 | 60.1 | 61.8 | [illegible] | 64.2 | 64.8 | 65.2 | 65.2 | 65.7 | 65.8 | 65.8 | 66.2 | 66.2 | 66.4 | 66.5 |
| ≥ 18000 | | 56.7 | 60.2 | 61.9 | [illegible] | 64.4 | 65.0 | 65.4 | 65.4 | 65.9 | 66.0 | 66.0 | 66.4 | 66.4 | 66.5 | 66.6 |
| ≥ 16000 | | 56.7 | 60.2 | 61.9 | [illegible] | 64.4 | 65.0 | 65.4 | 65.4 | 65.9 | 66.0 | 66.0 | 66.4 | 66.4 | 66.5 | 66.6 |
| ≥ 14000 | | 56.7 | 60.2 | 61.9 | 64.0 | 64.4 | 65.0 | 65.4 | 65.4 | 65.9 | 66.0 | 66.0 | 66.4 | 66.4 | 66.5 | 66.6 |
| ≥ 12000 | | 57.9 | 61.5 | 63.2 | 65.4 | 65.8 | 66.5 | 66.9 | 66.9 | 67.3 | 67.4 | 67.4 | 67.8 | 67.8 | 68.0 | 68.1 |
| ≥ 10000 | | 61.9 | 65.8 | 67.7 | 70.0 | 70.6 | 71.2 | 71.7 | 71.7 | 72.2 | 72.3 | 72.3 | 72.7 | 72.7 | 72.8 | 72.9 |
| ≥ 9000 | | 62.2 | 66.2 | 68.1 | 70.4 | 71.0 | 71.6 | 72.1 | 72.1 | 72.6 | 72.7 | 72.7 | 73.1 | 73.1 | 73.2 | 73.3 |
| ≥ 8000 | | 65.7 | 70.0 | 71.9 | 74.3 | 74.8 | 75.5 | 76.1 | 76.1 | 76.5 | 76.6 | 76.6 | 77.0 | 77.0 | 77.2 | 77.3 |
| ≥ 7000 | | 67.2 | 71.5 | 73.5 | 75.8 | 76.4 | 77.0 | 77.6 | 77.6 | 78.1 | 78.2 | 78.2 | 78.6 | 78.6 | 78.7 | 78.8 |
| ≥ 6000 | | 67.6 | 71.9 | 74.0 | 76.4 | 77.0 | 77.7 | 78.3 | 78.3 | 78.8 | 78.9 | 78.9 | 79.3 | 79.3 | 79.4 | 79.5 |
| ≥ 5000 | | 68.2 | 72.9 | 74.9 | 77.3 | 78.0 | 78.7 | 79.3 | 79.3 | 79.8 | 79.8 | 79.8 | 80.2 | 80.2 | 80.4 | 80.5 |
| ≥ 4500 | | 68.8 | 73.5 | 75.5 | 77.9 | 78.6 | 79.3 | 79.8 | 79.8 | 80.3 | 80.4 | 80.4 | 80.8 | 80.8 | 81.0 | 81.1 |
| ≥ 4000 | | 70.1 | 74.9 | 77.1 | 79.5 | 80.2 | 80.9 | 81.5 | 81.5 | 81.9 | 82.0 | 82.0 | 82.4 | 82.4 | 82.6 | 82.7 |
| ≥ 3500 | | 70.6 | 75.5 | 77.7 | 80.2 | 80.8 | 81.5 | 82.1 | 82.1 | 82.6 | 82.7 | 82.7 | 83.1 | 83.1 | 83.2 | 83.3 |
| ≥ 3000 | | 73.7 | 78.7 | 81.1 | 83.8 | 84.4 | 85.2 | 85.8 | 85.8 | 86.3 | 86.4 | 86.4 | 86.9 | 86.9 | 87.0 | 87.1 |
| ≥ 2500 | | 76.5 | 81.5 | 83.9 | 86.7 | 87.3 | 88.2 | 88.7 | 88.7 | 89.2 | 89.3 | 89.3 | 89.8 | 89.8 | 89.9 | 90.0 |
| ≥ 2000 | | 79.0 | 84.4 | 86.9 | 89.8 | 90.5 | 91.3 | 91.9 | 91.9 | 92.3 | 92.4 | 92.4 | 92.9 | 92.9 | 93.1 | 93.2 |
| ≥ 1800 | | 79.4 | 84.8 | 87.3 | 90.2 | 90.9 | 91.7 | 92.3 | 92.3 | 92.7 | 92.8 | 92.8 | 93.3 | 93.3 | 93.5 | 93.6 |
| ≥ 1500 | | 81.7 | 87.3 | 90.0 | 92.9 | 93.6 | 94.4 | 94.9 | 94.9 | 95.4 | 95.5 | 95.5 | 96.0 | 96.0 | 96.1 | 96.2 |
| ≥ 1200 | | 82.3 | 88.1 | 90.9 | 94.0 | 94.6 | 95.4 | 96.0 | 96.0 | 96.5 | 96.5 | 96.5 | 97.0 | 97.0 | 97.2 | 97.3 |
| ≥ 1000 | | 83.2 | 89.1 | 92.3 | 95.5 | 96.1 | 96.9 | 97.5 | 97.5 | 98.0 | 98.1 | 98.1 | 98.6 | 98.6 | 98.7 | 98.8 |
| ≥ 900 | | 83.4 | 89.3 | 92.4 | 95.7 | 96.3 | 97.1 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.7 | 98.7 | 98.9 | 99.0 |
| ≥ 800 | | 83.6 | 89.4 | 92.6 | 95.8 | 96.5 | 97.3 | 97.9 | 97.9 | 98.4 | 98.5 | 98.5 | 99.0 | 99.0 | 99.1 | 99.2 |
| ≥ 700 | | 83.6 | 89.4 | 92.7 | 95.9 | 96.5 | 97.3 | 98.1 | 98.1 | 98.6 | 98.7 | 98.7 | 99.2 | 99.2 | 99.4 | 99.4 |
| ≥ 600 | | 83.6 | 89.4 | 92.7 | 95.9 | 96.5 | 97.3 | 98.1 | 98.1 | 98.6 | 98.8 | 98.8 | 99.3 | 99.3 | 99.4 | 99.5 |
| ≥ 500 | | 83.6 | 89.4 | 92.7 | 96.0 | 96.6 | 97.4 | 98.2 | 98.2 | 98.6 | 98.9 | 98.9 | 99.4 | 99.4 | 99.6 | 99.7 |
| ≥ 400 | | 83.6 | 89.5 | 92.7 | 96.1 | 96.8 | 97.6 | 98.3 | 98.3 | 98.8 | 99.0 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 |
| ≥ 300 | | 83.6 | 89.5 | 92.7 | 96.1 | 96.8 | 97.6 | 98.3 | 98.3 | 98.8 | 99.0 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 |
| ≥ 200 | | 83.6 | 89.5 | 92.7 | 96.1 | 96.8 | 97.6 | 98.3 | 98.3 | 98.8 | 99.0 | 99.0 | 99.6 | 99.6 | 99.8 | 99.9 |
| ≥ 100 | | 83.6 | 89.5 | 92.7 | 96.1 | 96.8 | 97.6 | 98.3 | 98.3 | 98.8 | 99.0 | 99.0 | 99.6 | 99.6 | 99.8 | 100.0 |
| 0 | | 83.6 | 89.5 | 92.7 | 96.1 | 96.8 | 97.6 | 98.3 | 98.3 | 98.8 | 99.0 | 99.0 | 99.6 | 99.6 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

2

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH) | 00 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 76.0 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 20000 | | 86.0 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| IV IV 18000 | | 86.0 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| IV IV 16000 | | 86.0 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| IV IV 14000 | | 86.0 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| IV IV 12000 | | 86.7 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV IV 10000 | | 90.0 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV IV 9000 | | 90.0 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV IV 8000 | | 91.3 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV IV 7000 | | 92.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IV IV 6000 | | 92.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IV IV 5000 | | 92.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IV IV 4500 | | 92.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IV IV 4000 | | 92.7 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV IV 3500 | | 92.7 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV IV 3000 | | 92.7 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV IV 2500 | | 92.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV IV 2000 | | 93.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV IV 1800 | | 93.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV IV 1500 | | 93.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV IV 1200 | | 93.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV IV 1000 | | 93.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV IV 900 | | 93.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV IV 800 | | 93.3 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 700 | | 93.3 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 600 | | 93.3 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 500 | | 93.3 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 400 | | 93.3 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 300 | | 93.3 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 200 | | 93.3 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 100 | | 93.3 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 0 | | 93.3 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUN (MONTH) 03 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 66.7 | 71.3 | 74.0 | 76.0 | 77.3 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 20000 | | 74.7 | 80.7 | 83.3 | 85.3 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 18000 | | 74.7 | 80.7 | 83.3 | 85.3 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 16000 | | 74.7 | 80.7 | 83.3 | 85.3 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 14000 | | 74.7 | 80.7 | 83.3 | 85.3 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 12000 | | 75.3 | 81.3 | 84.7 | 86.7 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 10000 | | 79.3 | 85.3 | 88.7 | 90.7 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 9000 | | 80.0 | 86.0 | 89.3 | 91.3 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 8000 | | 82.0 | 88.7 | 92.0 | 94.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 7000 | | 82.0 | 88.7 | 92.0 | 94.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 6000 | | 82.0 | 88.7 | 92.0 | 94.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 5000 | | 82.0 | 88.7 | 92.0 | 94.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 4500 | | 82.0 | 88.7 | 92.0 | 94.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 4000 | | 82.0 | 88.7 | 92.0 | 94.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3500 | | 82.0 | 88.7 | 92.0 | 94.0 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3000 | | 82.7 | 89.3 | 92.7 | 94.7 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 2500 | | 84.0 | 91.3 | 94.7 | 96.7 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2000 | | 84.0 | 91.3 | 94.7 | 97.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1800 | | 84.0 | 91.3 | 94.7 | 97.3 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1500 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 84.7 | 92.0 | 95.3 | 98.0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUN (MONTH) 06 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 42.7 | 48.0 | 50.0 | 58.0 | 61.3 | 64.7 | 65.3 | 66.0 | 66.7 | 68.0 | 68.0 | 68.7 | 68.7 | 68.7 | 69.3 |
| ≥ 20000 | | 51.3 | 57.3 | 60.7 | 70.7 | 74.0 | 78.7 | 80.0 | 80.7 | 81.3 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 84.0 |
| ≥ 18000 | | 51.3 | 57.3 | 60.7 | 70.7 | 74.0 | 78.7 | 80.0 | 80.7 | 81.3 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 84.0 |
| ≥ 16000 | | 51.3 | 57.3 | 60.7 | 70.7 | 74.0 | 78.7 | 80.0 | 80.7 | 81.3 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 84.0 |
| ≥ 14000 | | 51.3 | 57.3 | 60.7 | 70.7 | 74.0 | 78.7 | 80.0 | 80.7 | 81.3 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 84.0 |
| ≥ 12000 | | 51.3 | 57.3 | 60.7 | 70.7 | 74.0 | 78.7 | 80.0 | 80.7 | 81.3 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 84.0 |
| ≥ 10000 | | 52.7 | 59.3 | 62.7 | 73.3 | 76.7 | 81.3 | 82.7 | 83.3 | 84.0 | 85.3 | 85.3 | 86.0 | 86.0 | 86.0 | 86.7 |
| ≥ 9000 | | 54.7 | 61.3 | 64.7 | 75.3 | 78.7 | 83.3 | 84.7 | 85.3 | 86.0 | 87.3 | 87.3 | 88.0 | 88.0 | 88.0 | 88.7 |
| ≥ 8000 | | 56.7 | 63.3 | 66.7 | 78.0 | 81.3 | 86.0 | 87.3 | 88.0 | 88.7 | 90.0 | 90.0 | 90.7 | 90.7 | 90.7 | 91.3 |
| ≥ 7000 | | 56.7 | 63.3 | 66.7 | 78.0 | 81.3 | 86.0 | 87.3 | 88.0 | 88.7 | 90.0 | 90.0 | 90.7 | 90.7 | 90.7 | 91.3 |
| ≥ 6000 | | 57.3 | 64.0 | 68.0 | 79.3 | 82.7 | 87.3 | 88.7 | 89.3 | 90.0 | 91.3 | 91.3 | 92.0 | 92.0 | 92.0 | 92.7 |
| ≥ 5000 | | 57.3 | 64.0 | 68.0 | 79.3 | 82.7 | 87.3 | 88.7 | 89.3 | 90.0 | 91.3 | 91.3 | 92.0 | 92.0 | 92.0 | 92.7 |
| ≥ 4500 | | 57.3 | 64.0 | 68.0 | 79.3 | 82.7 | 87.3 | 88.7 | 89.3 | 90.0 | 91.3 | 91.3 | 92.0 | 92.0 | 92.0 | 92.7 |
| ≥ 4000 | | 57.3 | 64.0 | 68.0 | 79.3 | 82.7 | 87.3 | 88.7 | 89.3 | 90.0 | 91.3 | 91.3 | 92.0 | 92.0 | 92.0 | 92.7 |
| ≥ 3500 | | 57.3 | 64.0 | 68.0 | 79.3 | 82.7 | 87.3 | 88.7 | 89.3 | 90.0 | 91.3 | 91.3 | 92.0 | 92.0 | 92.0 | 92.7 |
| ≥ 3000 | | 58.7 | 65.3 | 70.0 | 81.3 | 84.7 | 89.3 | 90.7 | 91.3 | 92.0 | 93.3 | 93.3 | 94.0 | 94.0 | 94.0 | 94.7 |
| ≥ 2500 | | 59.3 | 66.0 | 70.7 | 82.0 | 85.3 | 90.0 | 91.3 | 92.0 | 92.7 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 95.3 |
| ≥ 2000 | | 60.7 | 67.3 | 72.0 | 83.3 | 86.7 | 91.3 | 92.7 | 93.3 | 94.0 | 95.3 | 95.3 | 96.0 | 96.0 | 96.0 | 96.7 |
| ≥ 1800 | | 60.7 | 67.3 | 72.0 | 83.3 | 86.7 | 91.3 | 92.7 | 93.3 | 94.0 | 95.3 | 95.3 | 96.0 | 96.0 | 96.0 | 96.7 |
| ≥ 1500 | | 61.3 | 68.0 | 72.7 | 84.0 | 88.0 | 92.7 | 94.0 | 94.7 | 95.3 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 98.0 |
| ≥ 1200 | | 61.3 | 68.7 | 73.3 | 84.7 | 88.7 | 93.3 | 94.7 | 95.3 | 96.0 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.7 |
| ≥ 1000 | | 62.0 | 69.3 | 74.0 | 85.3 | 89.3 | 94.0 | 95.3 | 96.0 | 96.7 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 |
| ≥ 900 | | 62.0 | 69.3 | 74.0 | 85.3 | 89.3 | 94.0 | 95.3 | 96.0 | 96.7 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 |
| ≥ 800 | | 62.0 | 69.3 | 74.7 | 86.0 | 90.0 | 94.7 | 96.0 | 96.7 | 97.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |
| ≥ 700 | | 62.0 | 69.3 | 74.7 | 86.0 | 90.0 | 94.7 | 96.0 | 96.7 | 97.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |
| ≥ 600 | | 62.0 | 69.3 | 74.7 | 86.0 | 90.0 | 94.7 | 96.0 | 96.7 | 97.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |
| ≥ 500 | | 62.0 | 69.3 | 74.7 | 86.0 | 90.0 | 94.7 | 96.0 | 96.7 | 97.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |
| ≥ 400 | | 62.0 | 69.3 | 74.7 | 86.0 | 90.0 | 94.7 | 96.0 | 96.7 | 97.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |
| ≥ 300 | | 62.0 | 69.3 | 74.7 | 86.0 | 90.0 | 94.7 | 96.0 | 96.7 | 97.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |
| ≥ 200 | | 62.0 | 69.3 | 74.7 | 86.0 | 90.0 | 94.7 | 96.0 | 96.7 | 97.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |
| ≥ 100 | | 62.0 | 69.3 | 74.7 | 86.0 | 90.0 | 94.7 | 96.0 | 96.7 | 97.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |
| ≥ 0 | | 62.0 | 69.3 | 74.7 | 86.0 | 90.0 | 94.7 | 96.0 | 96.7 | 97.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH) | 09 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 44.0 | 46.7 | 48.0 | 50.0 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| ≥ 20000 | | 58.0 | 62.7 | 64.0 | 66.7 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| IV IV 18000 | | 58.0 | 62.7 | 64.0 | 66.7 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| IV IV 16000 | | 58.0 | 62.7 | 64.0 | 66.7 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| IV IV 14000 | | 58.0 | 62.7 | 64.0 | 66.7 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| IV IV 12000 | | 59.3 | 64.0 | 65.3 | 68.0 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| IV IV 10000 | | 64.0 | 68.7 | 70.0 | 72.7 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| IV IV 9000 | | 65.3 | 70.0 | 71.3 | 74.0 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| IV IV 8000 | | 68.0 | 74.0 | 75.3 | 78.0 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| IV IV 7000 | | 68.7 | 74.7 | 76.0 | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV IV 6000 | | 68.7 | 74.7 | 76.0 | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV IV 5000 | | 68.7 | 74.7 | 76.0 | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV IV 4500 | | 68.7 | 74.7 | 76.0 | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV IV 4000 | | 68.7 | 74.7 | 76.0 | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV IV 3500 | | 68.7 | 74.7 | 76.0 | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV IV 3000 | | 72.7 | 79.3 | 80.7 | 83.3 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV IV 2500 | | 78.0 | 84.7 | 86.0 | 88.7 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV IV 2000 | | 84.7 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV IV 1800 | | 84.7 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV IV 1500 | | 85.3 | 92.7 | 94.0 | 96.7 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV IV 1200 | | 86.0 | 93.3 | 94.7 | 97.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV IV 1000 | | 86.7 | 94.0 | 95.3 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 900 | | 86.7 | 94.0 | 95.3 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 800 | | 86.7 | 94.0 | 95.3 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 700 | | 86.7 | 94.0 | 95.3 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 600 | | 86.7 | 94.0 | 95.3 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 500 | | 86.7 | 94.0 | 95.3 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 400 | | 86.7 | 94.0 | 95.3 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 300 | | 86.7 | 94.0 | 95.3 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 200 | | 86.7 | 94.0 | 95.3 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 100 | | 86.7 | 94.0 | 95.3 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 0 | | 86.7 | 94.0 | 95.3 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 34.0 | 35.3 | 36.0 | 36.7 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| ≥ 20000 | | 52.7 | 54.7 | 56.0 | 56.7 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 18000 | | 52.7 | 54.7 | 56.0 | 56.7 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 16000 | | 52.7 | 54.7 | 56.0 | 56.7 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 14000 | | 53.3 | 55.3 | 56.7 | 57.3 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 12000 | | 54.0 | 56.0 | 57.3 | 58.0 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 10000 | | 57.3 | 59.3 | 60.7 | 61.3 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 9000 | | 59.3 | 61.3 | 62.7 | 63.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 8000 | | 64.7 | 66.7 | 68.0 | 68.7 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 7000 | | 66.0 | 68.0 | 69.3 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 6000 | | 66.0 | 68.0 | 69.3 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 5000 | | 66.0 | 68.0 | 69.3 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 4500 | | 66.0 | 68.0 | 69.3 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 4000 | | 66.7 | 68.7 | 70.0 | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 3500 | | 66.7 | 68.7 | 70.0 | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 3000 | | 72.7 | 76.0 | 78.0 | 79.3 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 2500 | | 80.7 | 84.0 | 86.0 | 87.3 | 88.0 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 2000 | | 89.3 | 92.7 | 94.7 | 96.0 | 96.7 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | | 89.3 | 92.7 | 94.7 | 96.0 | 96.7 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1500 | | 90.7 | 94.0 | 96.0 | 97.3 | 98.0 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 90.7 | 94.7 | 96.7 | 98.0 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUN (MONTH) 15 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 40.0 | 42.0 | 42.0 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 |
| ≥ 20000 | | 68.7 | 71.3 | 71.3 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 18000 | | 68.7 | 71.3 | 71.3 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 16000 | | 68.7 | 71.3 | 71.3 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 14000 | | 69.3 | 72.0 | 72.0 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 12000 | | 70.0 | 72.7 | 72.7 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 10000 | | 74.7 | 77.3 | 77.3 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 9000 | | 76.7 | 79.3 | 79.3 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 8000 | | 79.3 | 82.0 | 82.0 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 7000 | | 79.3 | 82.0 | 82.0 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 6000 | | 79.3 | 82.0 | 82.0 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 5000 | | 79.3 | 82.0 | 82.0 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 4500 | | 79.3 | 82.0 | 82.0 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 4000 | | 80.0 | 82.7 | 82.7 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 3500 | | 81.3 | 84.0 | 84.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 3000 | | 85.3 | 88.0 | 90.0 | 91.3 | 91.3 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 2500 | | 88.7 | 91.3 | 93.3 | 94.7 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 2000 | | 91.3 | 94.0 | 96.0 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | | 91.3 | 94.0 | 96.0 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1500 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 93.3 | 96.0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUN (MONTH)

18 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 46.7 | 47.3 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| ≥ 20000 | | 76.7 | 78.0 | 78.7 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 18000 | | 77.3 | 78.7 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 16000 | | 77.3 | 78.7 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 14000 | | 78.0 | 79.3 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 12000 | | 78.7 | 80.0 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 10000 | | 82.7 | 84.7 | 85.3 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 9000 | | 84.0 | 86.0 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 8000 | | 87.3 | 89.3 | 90.0 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 7000 | | 87.3 | 89.3 | 90.0 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 6000 | | 87.3 | 89.3 | 90.0 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 5000 | | 88.0 | 90.0 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 4500 | | 88.7 | 90.7 | 91.3 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 4000 | | 90.0 | 92.0 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 3500 | | 91.3 | 93.3 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3000 | | 91.3 | 93.3 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 2500 | | 93.3 | 95.3 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 2000 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 96.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUN (MONTH) 21 (HOURS (L.S.T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 60.7 | 60.7 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 20000 | | 80.0 | 80.7 | 82.0 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 18000 | | 80.0 | 80.7 | 82.0 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 16000 | | 80.0 | 80.7 | 82.0 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 14000 | | 80.0 | 80.7 | 82.0 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 12000 | | 81.3 | 82.0 | 83.3 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 10000 | | 82.7 | 83.3 | 84.7 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 9000 | | 83.3 | 84.0 | 85.3 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 8000 | | 89.3 | 90.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 7000 | | 89.3 | 90.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 6000 | | 89.3 | 90.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 5000 | | 89.3 | 90.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4500 | | 89.3 | 90.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4000 | | 89.3 | 90.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 3500 | | 90.7 | 91.3 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 3000 | | 92.7 | 93.3 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 2500 | | 95.3 | 96.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2000 | | 95.3 | 96.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | | 95.3 | 96.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | | 96.7 | 97.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUN (MONTH) | ALL (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 51.3 | 53.7 | 54.8 | 56.6 | 57.3 | 57.8 | 57.9 | 58.0 | 58.1 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 |
| ≥ 20000 | | 68.5 | 71.8 | 73.2 | 75.4 | 76.3 | 76.9 | 77.1 | 77.2 | 77.3 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.6 |
| < 20000 ≥ 18000 | | 68.6 | 71.8 | 73.3 | 75.5 | 76.3 | 77.0 | 77.2 | 77.3 | 77.3 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.7 |
| < 18000 ≥ 16000 | | 68.6 | 71.8 | 73.3 | 75.5 | 76.3 | 77.0 | 77.2 | 77.3 | 77.3 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.7 |
| < 16000 ≥ 14000 | | 68.8 | 72.1 | 73.5 | 75.8 | 76.6 | 77.3 | 77.4 | 77.5 | 77.6 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 |
| < 14000 ≥ 12000 | | 69.6 | 72.8 | 74.3 | 76.6 | 77.4 | 78.1 | 78.3 | 78.3 | 78.4 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.8 |
| < 12000 ≥ 10000 | | 72.9 | 76.3 | 77.8 | 80.2 | 81.0 | 81.7 | 81.8 | 81.9 | 82.0 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 |
| < 10000 ≥ 9000 | | 74.2 | 77.6 | 79.1 | 81.4 | 82.3 | 82.9 | 83.1 | 83.2 | 83.3 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.6 |
| < 9000 ≥ 8000 | | 77.3 | 81.1 | 82.7 | 85.1 | 85.9 | 86.6 | 86.8 | 86.8 | 86.9 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.3 |
| < 8000 ≥ 7000 | | 77.7 | 81.4 | 83.0 | 85.4 | 86.3 | 86.9 | 87.1 | 87.2 | 87.3 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.6 |
| < 7000 ≥ 6000 | | 77.8 | 81.5 | 83.2 | 85.6 | 86.4 | 87.1 | 87.3 | 87.3 | 87.4 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.8 |
| < 6000 ≥ 5000 | | 77.8 | 81.6 | 83.3 | 85.7 | 86.5 | 87.2 | 87.3 | 87.4 | 87.5 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 |
| < 5000 ≥ 4500 | | 77.9 | 81.7 | 83.3 | 85.8 | 86.6 | 87.3 | 87.4 | 87.5 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 |
| < 4500 ≥ 4000 | | 78.3 | 82.1 | 83.8 | 86.2 | 87.0 | 87.7 | 87.8 | 87.9 | 88.0 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 |
| < 4000 ≥ 3500 | | 78.8 | 82.6 | 84.3 | 86.8 | 87.6 | 88.3 | 88.4 | 88.5 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 |
| < 3500 ≥ 3000 | | 81.1 | 85.1 | 87.2 | 89.7 | 90.5 | 91.3 | 91.5 | 91.6 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 92.0 |
| < 3000 ≥ 2500 | | 84.0 | 88.2 | 90.3 | 92.8 | 93.6 | 94.4 | 94.7 | 94.8 | 94.8 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.2 |
| < 2500 ≥ 2000 | | 86.8 | 91.1 | 93.2 | 95.8 | 96.7 | 97.5 | 97.8 | 97.9 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| < 2000 ≥ 1800 | | 86.8 | 91.1 | 93.2 | 95.8 | 96.7 | 97.5 | 97.8 | 97.9 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| < 1800 ≥ 1500 | | 87.7 | 92.1 | 94.2 | 96.8 | 97.8 | 98.6 | 98.9 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 |
| < 1500 ≥ 1200 | | 87.8 | 92.3 | 94.4 | 97.1 | 98.0 | 98.8 | 99.2 | 99.3 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 |
| < 1200 ≥ 1000 | | 87.9 | 92.5 | 94.6 | 97.3 | 98.2 | 99.0 | 99.3 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| < 1000 ≥ 900 | | 87.9 | 92.5 | 94.6 | 97.3 | 98.2 | 99.0 | 99.3 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| < 900 ≥ 800 | | 87.9 | 92.5 | 94.7 | 97.4 | 98.3 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| < 800 ≥ 700 | | 87.9 | 92.5 | 94.7 | 97.4 | 98.3 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| < 700 ≥ 600 | | 87.9 | 92.5 | 94.7 | 97.4 | 98.3 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| < 600 ≥ 500 | | 87.9 | 92.5 | 94.7 | 97.4 | 98.3 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| < 500 ≥ 400 | | 87.9 | 92.5 | 94.7 | 97.4 | 98.3 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| < 400 ≥ 300 | | 87.9 | 92.5 | 94.7 | 97.4 | 98.3 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| < 300 ≥ 200 | | 87.9 | 92.5 | 94.7 | 97.4 | 98.3 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| < 200 ≥ 100 | | 87.9 | 92.5 | 94.7 | 97.4 | 98.3 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| < 100 0 | | 87.9 | 92.5 | 94.7 | 97.4 | 98.3 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH) | 00 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 63.2 | 66.5 | 69.0 | 69.7 | 69.7 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 20000 | | 80.0 | 83.9 | 86.5 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 18000 | | 80.0 | 83.9 | 86.5 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 16000 | | 80.0 | 83.9 | 86.5 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 14000 | | 80.0 | 83.9 | 86.5 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 12000 | | 81.3 | 85.2 | 87.7 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 10000 | | 87.1 | 91.0 | 93.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 9000 | | 87.1 | 91.0 | 93.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 8000 | | 89.0 | 92.9 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 7000 | | 89.0 | 92.9 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 6000 | | 89.0 | 92.9 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 5000 | | 89.0 | 92.9 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4500 | | 89.0 | 92.9 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4000 | | 89.0 | 92.9 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3500 | | 89.7 | 93.6 | 96.1 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3000 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 92.3 | 96.1 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 YEARS | JUL MONTH | 03 HOURS (L S T.)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 67.1 | 73.6 | 76.1 | 79.4 | 79.4 | 80.7 | 80.7 | 80.7 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 20000 | | 75.5 | 81.9 | 85.2 | 88.4 | 89.0 | 90.3 | 90.3 | 90.3 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 18000 | | 75.5 | 81.9 | 85.2 | 88.4 | 89.0 | 90.3 | 90.3 | 90.3 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 16000 | | 75.5 | 81.9 | 85.2 | 88.4 | 89.0 | 90.3 | 90.3 | 90.3 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 14000 | | 75.5 | 81.9 | 85.2 | 88.4 | 89.0 | 90.3 | 90.3 | 90.3 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 12000 | | 75.5 | 81.9 | 85.2 | 88.4 | 89.0 | 90.3 | 90.3 | 90.3 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 10000 | | 78.1 | 84.5 | 87.7 | 91.0 | 91.6 | 92.9 | 92.9 | 92.9 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 9000 | | 78.7 | 85.2 | 88.4 | 91.6 | 92.3 | 93.6 | 93.6 | 93.6 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 8000 | | 80.7 | 87.1 | 90.3 | 93.6 | 94.2 | 95.5 | 95.5 | 95.5 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 7000 | | 81.3 | 87.7 | 91.0 | 94.2 | 94.8 | 96.1 | 96.1 | 96.1 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 6000 | | 81.3 | 87.7 | 91.0 | 94.2 | 94.8 | 96.1 | 96.1 | 96.1 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 5000 | | 81.3 | 87.7 | 91.0 | 94.2 | 94.8 | 96.1 | 96.1 | 96.1 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4500 | | 81.3 | 88.4 | 91.6 | 94.8 | 95.5 | 96.8 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 4000 | | 81.3 | 88.4 | 91.6 | 94.8 | 95.5 | 96.8 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3500 | | 81.3 | 88.4 | 91.6 | 94.8 | 95.5 | 96.8 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | | 81.9 | 89.0 | 92.3 | 96.1 | 96.8 | 98.1 | 98.1 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2500 | | 81.9 | 89.0 | 92.3 | 96.1 | 96.8 | 98.1 | 98.1 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2000 | | 81.9 | 89.0 | 92.3 | 96.1 | 96.8 | 98.1 | 98.1 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | | 81.9 | 89.0 | 92.3 | 96.1 | 96.8 | 98.1 | 98.1 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 81.9 | 89.0 | 92.9 | 96.8 | 97.4 | 98.7 | 98.7 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUL (MONTH) 06 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 29.7 | 38.1 | 44.5 | 50.3 | 52.9 | 56.1 | 59.4 | 59.4 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 20000 | | 40.7 | 52.9 | 59.4 | 67.1 | 70.3 | 74.8 | 78.7 | 78.7 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 18000 | | 40.7 | 52.9 | 59.4 | 67.1 | 70.3 | 74.8 | 78.7 | 78.7 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 16000 | | 40.7 | 52.9 | 59.4 | 67.1 | 70.3 | 74.8 | 78.7 | 78.7 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 14000 | | 40.7 | 52.9 | 59.4 | 67.1 | 70.3 | 74.8 | 78.7 | 78.7 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 12000 | | 40.7 | 52.9 | 59.4 | 67.1 | 70.3 | 74.8 | 78.7 | 78.7 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 10000 | | 43.2 | 57.4 | 64.5 | 74.2 | 77.4 | 81.9 | 85.8 | 85.8 | 88.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 9000 | | 43.2 | 57.4 | 64.5 | 74.2 | 77.4 | 82.6 | 86.5 | 86.5 | 89.0 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 8000 | | 47.1 | 61.3 | 69.7 | 79.4 | 82.6 | 87.7 | 91.6 | 91.6 | 94.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 7000 | | 48.4 | 62.6 | 71.6 | 81.3 | 84.5 | 89.7 | 93.6 | 93.6 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 6000 | | 48.4 | 62.6 | 71.6 | 81.3 | 84.5 | 89.7 | 93.6 | 93.6 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 5000 | | 48.4 | 62.6 | 71.6 | 81.3 | 84.5 | 89.7 | 93.6 | 93.6 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4500 | | 49.0 | 63.2 | 72.3 | 81.9 | 85.2 | 90.3 | 94.2 | 94.2 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 4000 | | 49.7 | 63.9 | 72.9 | 82.6 | 85.8 | 91.0 | 94.8 | 94.8 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 3500 | | 49.7 | 63.9 | 72.9 | 82.6 | 85.8 | 91.0 | 94.8 | 94.8 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 3000 | | 49.7 | 63.9 | 72.9 | 82.6 | 85.8 | 91.0 | 94.8 | 94.8 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2500 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 50.3 | 65.2 | 74.2 | 83.9 | 87.1 | 92.3 | 96.1 | 96.1 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUL (MONTH) 09 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 34.8 | 39.4 | 40.7 | 44.5 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| ≥ 20000 | | 49.0 | 56.8 | 60.0 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| < 20000 ≥ 18000 | | 49.0 | 56.8 | 60.0 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| < 18000 ≥ 16000 | | 49.0 | 56.8 | 60.0 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| < 16000 ≥ 14000 | | 49.7 | 57.4 | 60.7 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| < 14000 ≥ 12000 | | 50.3 | 58.1 | 61.3 | 66.5 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| < 12000 ≥ 10000 | | 56.1 | 65.2 | 69.7 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| < 10000 ≥ 9000 | | 58.7 | 67.7 | 72.3 | 79.4 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| < 9000 ≥ 8000 | | 62.6 | 71.6 | 76.1 | 83.2 | 83.9 | 83.9 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| < 8000 ≥ 7000 | | 63.2 | 72.3 | 76.8 | 83.9 | 84.5 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| < 7000 ≥ 6000 | | 63.2 | 72.3 | 76.8 | 83.9 | 84.5 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| < 6000 ≥ 5000 | | 63.9 | 72.9 | 77.4 | 84.5 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| < 5000 ≥ 4500 | | 63.9 | 72.9 | 78.1 | 85.2 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| < 4500 ≥ 4000 | | 64.5 | 73.6 | 78.7 | 85.8 | 86.5 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| < 4000 ≥ 3500 | | 65.2 | 74.2 | 79.4 | 86.5 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| < 3500 ≥ 3000 | | 67.1 | 78.1 | 83.2 | 90.3 | 91.0 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| < 3000 ≥ 2500 | | 69.7 | 80.7 | 86.5 | 93.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| < 2500 ≥ 2000 | | 71.0 | 81.9 | 87.7 | 94.8 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| < 2000 ≥ 1800 | | 71.0 | 81.9 | 87.7 | 94.8 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| < 1800 ≥ 1500 | | 72.3 | 83.2 | 89.7 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| < 1500 ≥ 1200 | | 72.3 | 83.2 | 89.7 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| < 1200 ≥ 1000 | | 72.9 | 83.9 | 90.3 | 98.1 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 1000 ≥ 900 | | 72.9 | 83.9 | 90.3 | 98.1 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 900 ≥ 800 | | 72.9 | 83.9 | 90.3 | 98.1 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 800 ≥ 700 | | 72.9 | 83.9 | 90.3 | 98.1 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 700 ≥ 600 | | 72.9 | 83.9 | 90.3 | 98.1 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 600 ≥ 500 | | 72.9 | 83.9 | 90.3 | 98.1 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 500 ≥ 400 | | 72.9 | 83.9 | 90.3 | 98.1 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 400 ≥ 300 | | 72.9 | 83.9 | 90.3 | 98.1 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 300 ≥ 200 | | 72.9 | 83.9 | 90.3 | 98.1 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 200 ≥ 100 | | 72.9 | 83.9 | 90.3 | 98.1 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 100 0 | | 72.9 | 83.9 | 90.3 | 98.1 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

12 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 30.3 | 32.3 | 32.3 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| ≥ 20000 | | 52.3 | 56.1 | 57.4 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV IV 18000 | | 52.3 | 56.1 | 57.4 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV IV 16000 | | 52.3 | 56.1 | 57.4 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV IV 14000 | | 53.6 | 57.4 | 58.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| IV IV 12000 | | 54.8 | 58.7 | 60.0 | 61.9 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| IV IV 10000 | | 62.6 | 66.5 | 69.0 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| IV IV 9000 | | 63.9 | 67.7 | 70.3 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| IV IV 8000 | | 67.1 | 71.0 | 73.6 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| IV IV 7000 | | 67.1 | 71.0 | 73.6 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| IV IV 6000 | | 67.7 | 71.6 | 74.2 | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV IV 5000 | | 68.4 | 72.3 | 74.8 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| IV IV 4500 | | 69.0 | 72.9 | 75.5 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| IV IV 4000 | | 69.7 | 73.6 | 76.1 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| IV IV 3500 | | 70.3 | 74.2 | 76.8 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV IV 3000 | | 73.6 | 78.7 | 81.9 | 85.2 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| IV IV 2500 | | 76.8 | 83.2 | 86.5 | 89.7 | 90.3 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| IV IV 2000 | | 77.4 | 85.2 | 88.4 | 91.6 | 92.3 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| IV IV 1800 | | 77.4 | 85.2 | 88.4 | 91.6 | 92.3 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| IV IV 1500 | | 80.0 | 87.7 | 91.6 | 94.8 | 95.5 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV IV 1200 | | 80.0 | 87.7 | 91.6 | 94.8 | 96.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV IV 1000 | | 80.0 | 87.7 | 91.6 | 96.1 | 97.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV IV 900 | | 80.0 | 87.7 | 91.6 | 96.1 | 97.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV IV 800 | | 80.7 | 88.4 | 92.3 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 700 | | 80.7 | 88.4 | 92.3 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 600 | | 80.7 | 88.4 | 92.3 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 500 | | 80.7 | 88.4 | 92.3 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 400 | | 80.7 | 88.4 | 92.3 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 300 | | 80.7 | 88.4 | 92.3 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 200 | | 80.7 | 88.4 | 92.3 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 100 | | 80.7 | 88.4 | 92.3 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV IV 0 | | 80.7 | 88.4 | 92.3 | 96.8 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

15 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 29.0 | 30.3 | 30.3 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 |
| ≥ 20000 | | 61.9 | 64.5 | 66.5 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 18000 | | 61.9 | 64.5 | 66.5 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 16000 | | 62.6 | 65.2 | 67.1 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 14000 | | 62.6 | 65.2 | 67.1 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 12000 | | 62.6 | 65.8 | 67.7 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 10000 | | 69.7 | 72.9 | 75.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 9000 | | 70.3 | 73.6 | 76.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 8000 | | 73.6 | 76.8 | 79.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 7000 | | 74.8 | 78.1 | 80.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 6000 | | 75.5 | 78.7 | 81.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 5000 | | 75.5 | 78.7 | 81.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 4500 | | 76.1 | 79.4 | 81.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 4000 | | 77.4 | 80.7 | 83.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 3500 | | 79.4 | 82.6 | 85.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3000 | | 82.6 | 86.5 | 89.7 | 93.6 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 2500 | | 85.2 | 89.0 | 92.3 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2000 | | 85.8 | 89.7 | 92.9 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1800 | | 85.8 | 89.7 | 92.9 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1500 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 86.5 | 90.3 | 93.6 | 97.4 | 97.4 | 97.4 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

18 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 32.9 | 32.9 | 32.9 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 |
| ≥ 20000 | | 72.3 | 74.2 | 74.8 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 18000 | | 72.3 | 74.2 | 74.8 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 16000 | | 72.3 | 74.2 | 74.8 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 14000 | | 72.9 | 74.8 | 75.5 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 12000 | | 72.9 | 74.8 | 75.5 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 10000 | | 80.0 | 84.5 | 85.2 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 9000 | | 81.9 | 86.5 | 87.1 | 89.7 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 8000 | | 85.2 | 89.7 | 90.3 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 7000 | | 85.2 | 89.7 | 90.3 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 6000 | | 85.2 | 89.7 | 90.3 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 5000 | | 86.5 | 91.0 | 91.6 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 4500 | | 86.5 | 91.0 | 91.6 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 4000 | | 87.1 | 91.6 | 92.3 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 3500 | | 88.4 | 92.9 | 93.6 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3000 | | 89.7 | 94.2 | 94.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2500 | | 89.7 | 94.2 | 94.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2000 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 91.0 | 95.5 | 96.1 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) JUL (MONTH)

21 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 52.3 | 54.2 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 20000 | | 78.7 | 83.9 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 18000 | | 78.7 | 83.9 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 16000 | | 78.7 | 83.9 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 14000 | | 78.7 | 83.9 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 12000 | | 79.4 | 84.5 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 10000 | | 83.9 | 89.0 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 9000 | | 85.2 | 90.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 8000 | | 89.0 | 94.2 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 7000 | | 89.0 | 94.2 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 6000 | | 89.0 | 94.2 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 5000 | | 89.0 | 94.2 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4500 | | 89.0 | 94.2 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4000 | | 89.7 | 94.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3500 | | 90.3 | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | | 91.0 | 96.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2500 | | 91.6 | 96.8 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2000 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 92.3 | 97.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 42.4 | 45.9 | 47.7 | 49.9 | 50.3 | 51.0 | 51.4 | 51.4 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 20000 | | 63.8 | 69.3 | 71.9 | 75.0 | 75.7 | 76.5 | 77.0 | 77.0 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 18000 | | 63.8 | 69.3 | 71.9 | 75.0 | 75.7 | 76.5 | 77.0 | 77.0 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 16000 | | 69.9 | 69.4 | 72.0 | 75.1 | 75.7 | 76.6 | 77.1 | 77.1 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 14000 | | 64.2 | 69.7 | 72.3 | 75.4 | 76.1 | 76.9 | 77.4 | 77.4 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 12000 | | 64.7 | 70.2 | 72.9 | 76.0 | 76.6 | 77.5 | 78.0 | 78.0 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 10000 | | 70.1 | 76.4 | 79.5 | 83.2 | 83.8 | 84.7 | 85.2 | 85.2 | 85.6 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 9000 | | 71.1 | 77.4 | 80.6 | 84.2 | 84.8 | 85.8 | 86.4 | 86.4 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 8000 | | 74.3 | 80.6 | 83.9 | 87.6 | 88.2 | 89.2 | 89.8 | 89.8 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 7000 | | 74.8 | 81.1 | 84.4 | 88.2 | 88.8 | 89.8 | 90.3 | 90.3 | 90.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 6000 | | 74.9 | 81.2 | 84.6 | 88.3 | 89.0 | 89.9 | 90.5 | 90.5 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 5000 | | 75.2 | 81.5 | 84.9 | 88.6 | 89.3 | 90.2 | 90.8 | 90.8 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 4500 | | 75.5 | 81.9 | 85.3 | 89.0 | 89.7 | 90.7 | 91.2 | 91.2 | 91.6 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 4000 | | 76.1 | 82.4 | 85.9 | 89.7 | 90.3 | 91.3 | 91.9 | 91.9 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 3500 | | 76.8 | 83.2 | 86.7 | 90.5 | 91.1 | 92.1 | 92.7 | 92.7 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 3000 | | 78.5 | 85.3 | 89.0 | 93.0 | 93.6 | 94.7 | 95.3 | 95.3 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 2500 | | 79.7 | 86.8 | 90.5 | 94.5 | 95.2 | 96.2 | 96.9 | 96.9 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 2000 | | 80.2 | 87.5 | 91.2 | 95.2 | 95.9 | 97.1 | 97.7 | 97.7 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1800 | | 80.2 | 87.5 | 91.2 | 95.2 | 95.9 | 97.1 | 97.7 | 97.7 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1500 | | 80.8 | 88.1 | 92.0 | 96.1 | 96.8 | 98.0 | 98.7 | 98.7 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1200 | | 80.8 | 88.1 | 92.0 | 96.1 | 96.9 | 98.1 | 98.8 | 98.8 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | | 80.9 | 88.2 | 92.1 | 96.4 | 97.1 | 98.3 | 99.1 | 99.1 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | | 80.9 | 88.2 | 92.1 | 96.4 | 97.1 | 98.3 | 99.1 | 99.1 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | | 81.0 | 88.2 | 92.2 | 96.5 | 97.2 | 98.4 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 81.0 | 88.2 | 92.2 | 96.5 | 97.2 | 98.4 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 81.0 | 88.2 | 92.2 | 96.5 | 97.2 | 98.4 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 81.0 | 88.2 | 92.2 | 96.5 | 97.2 | 98.4 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 81.0 | 88.2 | 92.2 | 96.5 | 97.2 | 98.4 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 81.0 | 88.2 | 92.2 | 96.5 | 97.2 | 98.4 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 81.0 | 88.2 | 92.2 | 96.5 | 97.2 | 98.4 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 81.0 | 88.2 | 92.2 | 96.5 | 97.2 | 98.4 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | | 81.0 | 88.2 | 92.2 | 96.5 | 97.2 | 98.4 | 99.2 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

00 (HOURS (L S T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 69.7 | 74.2 | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 20000 | | 82.6 | 88.4 | 91.6 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 18000 | | 82.6 | 88.4 | 91.6 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 16000 | | 82.6 | 88.4 | 91.6 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 14000 | | 82.6 | 88.4 | 91.6 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 12000 | | 83.2 | 89.0 | 92.3 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 10000 | | 86.5 | 92.3 | 96.1 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 9000 | | 86.5 | 92.3 | 96.1 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 8000 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 7000 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 6000 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 5000 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4500 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4000 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 87.7 | 93.6 | 97.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH) | 03 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 62.6 | 67.1 | 72.3 | 74.8 | 76.1 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 20000 | | 69.7 | 75.5 | 81.3 | 83.9 | 85.2 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 18000 | | 69.7 | 75.5 | 81.3 | 83.9 | 85.2 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 16000 | | 69.7 | 75.5 | 81.3 | 83.9 | 85.2 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 14000 | | 69.7 | 75.5 | 81.3 | 83.9 | 85.2 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 12000 | | 71.0 | 76.8 | 82.6 | 85.2 | 86.5 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 10000 | | 75.5 | 82.6 | 88.4 | 91.6 | 92.9 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 9000 | | 75.5 | 82.6 | 88.4 | 91.6 | 92.9 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 8000 | | 76.8 | 83.9 | 90.3 | 93.6 | 94.8 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 7000 | | 77.4 | 84.5 | 91.0 | 94.2 | 95.5 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 6000 | | 77.4 | 84.5 | 91.0 | 94.2 | 95.5 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 5000 | | 78.1 | 85.2 | 91.6 | 94.8 | 96.1 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4500 | | 78.7 | 85.8 | 92.3 | 95.5 | 96.8 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 4000 | | 78.7 | 85.8 | 92.3 | 95.5 | 96.8 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3500 | | 78.7 | 85.8 | 92.3 | 95.5 | 96.8 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3000 | | 78.7 | 85.8 | 92.3 | 95.5 | 96.8 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2500 | | 78.7 | 85.8 | 92.3 | 95.5 | 96.8 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2000 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 78.7 | 85.8 | 92.9 | 96.1 | 97.4 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

06 HOURS (L S T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 30.3 | 38.7 | 44.5 | 54.8 | 55.5 | 58.1 | 60.0 | 60.0 | 61.9 | 61.9 | 61.9 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 20000 | | 36.1 | 45.8 | 53.6 | 65.8 | 67.7 | 70.3 | 72.9 | 72.9 | 74.8 | 74.8 | 74.8 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 18000 | | 36.1 | 45.8 | 53.6 | 65.8 | 67.7 | 70.3 | 72.9 | 72.9 | 74.8 | 74.8 | 74.8 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 16000 | | 36.1 | 45.8 | 53.6 | 65.8 | 67.7 | 70.3 | 72.9 | 72.9 | 74.8 | 74.8 | 74.8 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 14000 | | 36.1 | 45.8 | 53.6 | 65.8 | 67.7 | 70.3 | 72.9 | 72.9 | 74.8 | 74.8 | 74.8 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 12000 | | 38.1 | 48.4 | 56.1 | 68.4 | 70.3 | 72.9 | 75.5 | 75.5 | 77.4 | 77.4 | 77.4 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 10000 | | 43.2 | 53.6 | 62.6 | 76.1 | 78.1 | 80.7 | 83.2 | 83.2 | 85.8 | 85.8 | 85.8 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 9000 | | 43.2 | 53.6 | 62.6 | 76.1 | 78.1 | 80.7 | 83.2 | 83.2 | 85.8 | 85.8 | 85.8 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 8000 | | 50.3 | 60.7 | 69.7 | 83.2 | 85.2 | 87.7 | 90.3 | 90.3 | 92.9 | 92.9 | 92.9 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 7000 | | 51.0 | 61.3 | 70.3 | 83.9 | 85.8 | 88.4 | 91.0 | 91.0 | 93.6 | 93.6 | 93.6 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 6000 | | 51.0 | 61.3 | 70.3 | 83.9 | 85.8 | 88.4 | 91.0 | 91.0 | 93.6 | 93.6 | 93.6 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 5000 | | 51.6 | 61.9 | 71.0 | 84.5 | 86.5 | 89.0 | 91.6 | 91.6 | 94.2 | 94.2 | 94.2 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 4500 | | 51.6 | 61.9 | 71.0 | 84.5 | 86.5 | 89.0 | 91.6 | 91.6 | 94.2 | 94.2 | 94.2 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 4000 | | 51.6 | 61.9 | 71.0 | 84.5 | 86.5 | 89.0 | 91.6 | 91.6 | 94.2 | 94.2 | 94.2 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 3500 | | 52.3 | 62.6 | 71.6 | 85.2 | 87.7 | 90.3 | 92.9 | 92.9 | 95.5 | 95.5 | 95.5 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3000 | | 52.9 | 63.9 | 72.9 | 86.5 | 89.0 | 91.6 | 94.2 | 94.2 | 96.8 | 96.8 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2500 | | 52.9 | 63.9 | 72.9 | 86.5 | 89.0 | 91.6 | 94.2 | 94.2 | 96.8 | 96.8 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000 | | 53.6 | 64.5 | 73.6 | 87.1 | 89.7 | 92.3 | 95.5 | 95.5 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | | 53.6 | 64.5 | 73.6 | 87.1 | 89.7 | 92.3 | 95.5 | 95.5 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 54.2 | 65.2 | 74.2 | 87.7 | 90.3 | 92.9 | 96.1 | 96.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH) | 09 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 33.6 | 38.7 | 39.4 | 41.3 | 43.2 | 43.9 | 43.9 | 43.9 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| ≥ 20000 | | 49.0 | 56.8 | 58.7 | 60.7 | 62.6 | 63.2 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 18000 | | 49.0 | 56.8 | 58.7 | 60.7 | 62.6 | 63.2 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 16000 | | 49.0 | 56.8 | 58.7 | 60.7 | 62.6 | 63.2 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 14000 | | 49.0 | 56.8 | 58.7 | 60.7 | 62.6 | 63.2 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 12000 | | 51.0 | 58.7 | 60.7 | 63.2 | 65.2 | 65.8 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 10000 | | 56.1 | 63.9 | 65.8 | 68.4 | 70.3 | 72.3 | 72.3 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 9000 | | 56.1 | 63.9 | 65.8 | 68.4 | 70.3 | 72.9 | 72.9 | 72.9 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 8000 | | 60.7 | 69.0 | 71.6 | 75.5 | 78.1 | 80.7 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 7000 | | 61.3 | 69.7 | 72.3 | 76.1 | 78.7 | 81.3 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 6000 | | 61.3 | 69.7 | 72.3 | 76.1 | 78.7 | 81.3 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 5000 | | 61.9 | 70.3 | 72.9 | 76.8 | 79.4 | 81.9 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 4500 | | 61.9 | 70.3 | 72.9 | 76.8 | 79.4 | 81.9 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 4000 | | 62.6 | 71.0 | 73.6 | 77.4 | 80.0 | 82.6 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 3500 | | 62.6 | 71.0 | 73.6 | 78.1 | 80.7 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 3000 | | 66.5 | 74.8 | 77.4 | 82.6 | 85.2 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 2500 | | 69.7 | 78.1 | 80.7 | 85.8 | 89.0 | 92.3 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 2000 | | 72.3 | 81.3 | 83.9 | 89.7 | 92.9 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1800 | | 72.3 | 81.3 | 83.9 | 89.7 | 92.9 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1500 | | 72.9 | 81.9 | 84.5 | 90.3 | 93.6 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1200 | | 72.9 | 81.9 | 84.5 | 90.3 | 93.6 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | | 73.6 | 83.2 | 85.8 | 91.6 | 94.8 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | | 73.6 | 83.2 | 85.8 | 91.6 | 94.8 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | | 73.6 | 83.2 | 85.8 | 91.6 | 94.8 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | | 73.6 | 83.2 | 85.8 | 91.6 | 94.8 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | | 73.6 | 83.9 | 86.5 | 92.3 | 95.5 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | | 73.6 | 83.9 | 86.5 | 92.3 | 95.5 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | | 73.6 | 83.9 | 86.5 | 92.3 | 95.5 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 |
| ≥ 300 | | 73.6 | 83.9 | 86.5 | 92.3 | 95.5 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 |
| ≥ 200 | | 73.6 | 83.9 | 86.5 | 92.3 | 95.5 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 |
| ≥ 100 | | 73.6 | 83.9 | 86.5 | 92.3 | 95.5 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 |
| 0 | | 73.6 | 83.9 | 86.5 | 92.3 | 95.5 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 (HOURS (L S T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 23.9 | 25.2 | 25.8 | 27.1 | 27.1 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 | 27.7 |
| ≥ 20000 | | 44.5 | 47.1 | 49.0 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 18000 | | 44.5 | 47.1 | 49.0 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 16000 | | 44.5 | 47.1 | 49.0 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 14000 | | 44.5 | 47.1 | 49.0 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 12000 | | 46.5 | 49.0 | 51.0 | 53.6 | 53.6 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 10000 | | 51.0 | 53.6 | 55.5 | 58.7 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 9000 | | 52.3 | 54.8 | 56.8 | 60.0 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 8000 | | 60.0 | 63.2 | 65.8 | 69.0 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 7000 | | 60.0 | 63.2 | 65.8 | 69.0 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 6000 | | 60.0 | 63.2 | 65.8 | 69.0 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 5000 | | 60.0 | 63.2 | 65.8 | 69.0 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 4500 | | 60.0 | 63.2 | 65.8 | 69.0 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 4000 | | 60.0 | 63.2 | 65.8 | 69.0 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 3500 | | 61.3 | 64.5 | 67.1 | 71.0 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 3000 | | 72.3 | 76.8 | 80.0 | 84.5 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 2500 | | 77.4 | 82.6 | 85.8 | 90.3 | 91.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 2000 | | 80.0 | 85.2 | 88.4 | 92.9 | 93.6 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1800 | | 80.0 | 85.2 | 89.0 | 93.6 | 94.2 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1500 | | 80.7 | 85.8 | 89.7 | 94.2 | 94.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1200 | | 80.7 | 85.8 | 89.7 | 94.2 | 94.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | | 80.7 | 85.8 | 89.7 | 94.2 | 94.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | | 80.7 | 85.8 | 89.7 | 94.2 | 94.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | | 81.3 | 86.5 | 90.3 | 94.8 | 95.5 | 98.1 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | | 81.9 | 87.1 | 91.0 | 95.5 | 96.1 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | | 82.6 | 87.7 | 91.6 | 96.1 | 96.8 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 82.6 | 87.7 | 91.6 | 96.1 | 96.8 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 82.6 | 87.7 | 91.6 | 96.1 | 96.8 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 82.6 | 87.7 | 91.6 | 96.1 | 96.8 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 82.6 | 87.7 | 91.6 | 96.1 | 96.8 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 82.6 | 87.7 | 91.6 | 96.1 | 96.8 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | | 82.6 | 87.7 | 91.6 | 96.1 | 96.8 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH) | 15 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 16.1 | 18.1 | 18.7 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 |
| ≥ 20000 | | 46.5 | 49.0 | 50.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| 18000 | | 46.5 | 49.0 | 50.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| 16000 | | 46.5 | 49.0 | 50.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| 14000 | | 46.5 | 49.0 | 50.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| 12000 | | 49.0 | 51.6 | 52.9 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| 10000 | | 56.1 | 59.4 | 61.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| 9000 | | 57.4 | 60.7 | 63.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| 8000 | | 66.5 | 69.7 | 72.3 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 7000 | | 67.7 | 71.6 | 74.2 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 6000 | | 67.7 | 71.6 | 74.2 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 5000 | | 67.7 | 71.6 | 74.2 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 4500 | | 67.7 | 71.6 | 74.2 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 4000 | | 68.4 | 72.3 | 74.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| 3500 | | 69.7 | 73.6 | 76.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| 3000 | | 76.8 | 81.3 | 84.5 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| 2500 | | 80.7 | 86.5 | 90.3 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 2000 | | 81.9 | 87.7 | 91.6 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 1800 | | 81.9 | 87.7 | 91.6 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 1500 | | 81.9 | 87.7 | 91.6 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 1200 | | 82.6 | 88.4 | 92.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 1000 | | 83.2 | 89.7 | 93.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | | 83.2 | 89.7 | 93.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | | 83.2 | 89.7 | 93.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | | 83.2 | 89.7 | 93.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | | 83.2 | 89.7 | 93.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | | 83.2 | 89.7 | 93.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | | 83.2 | 89.7 | 93.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | | 83.2 | 89.7 | 93.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | | 83.2 | 89.7 | 93.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | | 83.2 | 89.7 | 93.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 83.2 | 89.7 | 93.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | AUG (MONTH) | 18 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 27.1 | 27.7 | 29.7 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 |
| ≥ 20000 | | 65.8 | 67.7 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| < 20000 ≥ 18000 | | 65.8 | 67.7 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| < 18000 ≥ 16000 | | 65.8 | 67.7 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| < 16000 ≥ 14000 | | 65.8 | 67.7 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| < 14000 ≥ 12000 | | 68.4 | 70.3 | 72.9 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| < 10000 ≥ 9000 | | 78.7 | 80.7 | 83.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| | | 80.7 | 83.2 | 85.8 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| < 9000 ≥ 8000 | | 84.5 | 87.7 | 91.0 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| < 8000 ≥ 7000 | | 84.5 | 87.7 | 91.0 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| < 7000 ≥ 6000 | | 84.5 | 87.7 | 91.0 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| < 6000 ≥ 5000 | | 85.2 | 88.4 | 91.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| < 5000 ≥ 4500 | | 85.2 | 88.4 | 91.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| < 4500 ≥ 4000 | | 85.8 | 89.0 | 92.3 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| < 4000 ≥ 3500 | | 85.8 | 89.7 | 92.9 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| < 3500 ≥ 3000 | | 86.5 | 90.3 | 93.6 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| < 3000 ≥ 2500 | | 87.1 | 91.0 | 94.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| < 2500 ≥ 2000 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 2000 ≥ 1800 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 1800 ≥ 1500 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 1500 ≥ 1200 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 1200 ≥ 1000 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 1000 ≥ 900 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 900 ≥ 800 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 800 ≥ 700 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 700 ≥ 600 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 600 ≥ 500 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 500 ≥ 400 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 400 ≥ 300 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 300 ≥ 200 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 200 ≥ 100 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 100 ≥ 0 | | 88.4 | 92.3 | 96.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 YEARS | AUG MONTH

21 HOURS (L S T)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 57.4 | 58.1 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 20000 | | 80.7 | 82.6 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 18000 | | 80.7 | 82.6 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 16000 | | 80.7 | 82.6 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 14000 | | 80.7 | 82.6 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 12000 | | 82.6 | 84.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 10000 | | 87.1 | 89.0 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 9000 | | 87.1 | 89.0 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 8000 | | 91.0 | 92.9 | 95.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 7000 | | 91.0 | 92.9 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 6000 | | 91.0 | 92.9 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 5000 | | 91.0 | 92.9 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4500 | | 91.0 | 92.9 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4000 | | 91.0 | 92.9 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3500 | | 91.6 | 93.6 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | | 92.3 | 94.2 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2500 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 92.3 | 94.2 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) AUG (MONTH)

ALL (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 40.1 | 43.5 | 45.7 | 48.0 | 48.5 | 49.1 | 49.4 | 49.4 | 49.8 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 | 49.9 |
| ≥ 20000 | | 59.4 | 64.1 | 67.5 | 70.5 | 71.1 | 71.9 | 72.3 | 72.3 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 18000 | | 59.4 | 64.1 | 67.5 | 70.5 | 71.1 | 71.9 | 72.3 | 72.3 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 16000 | | 59.4 | 64.1 | 67.5 | 70.5 | 71.1 | 71.9 | 72.3 | 72.3 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 14000 | | 59.4 | 64.1 | 67.5 | 70.5 | 71.1 | 71.9 | 72.3 | 72.3 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 12000 | | 61.2 | 66.1 | 69.4 | 72.5 | 73.2 | 73.9 | 74.3 | 74.3 | 74.6 | 74.6 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 10000 | | 66.8 | 71.9 | 75.7 | 79.2 | 79.8 | 80.7 | 81.1 | 81.1 | 81.5 | 81.6 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 9000 | | 67.3 | 72.5 | 76.3 | 79.8 | 80.5 | 81.5 | 81.9 | 81.9 | 82.3 | 82.3 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 8000 | | 72.2 | 77.6 | 81.7 | 85.6 | 86.3 | 87.3 | 87.7 | 87.7 | 88.2 | 88.2 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 7000 | | 72.6 | 78.1 | 82.3 | 86.1 | 86.9 | 87.8 | 88.3 | 88.3 | 88.7 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 6000 | | 72.6 | 78.1 | 82.3 | 86.1 | 86.9 | 87.8 | 88.3 | 88.3 | 88.7 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 5000 | | 72.9 | 78.4 | 82.6 | 86.5 | 87.2 | 88.2 | 88.6 | 88.6 | 89.0 | 89.1 | 89.1 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 4500 | | 73.0 | 78.5 | 82.7 | 86.5 | 87.3 | 88.2 | 88.7 | 88.7 | 89.1 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4000 | | 73.2 | 78.7 | 82.9 | 86.8 | 87.5 | 88.5 | 89.0 | 89.0 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 3500 | | 73.7 | 79.3 | 83.5 | 87.5 | 88.3 | 89.4 | 89.8 | 89.8 | 90.2 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 3000 | | 76.7 | 82.6 | 86.9 | 91.4 | 92.2 | 93.2 | 93.7 | 93.7 | 94.1 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 2500 | | 78.3 | 84.4 | 89.0 | 93.6 | 94.5 | 95.7 | 96.2 | 96.2 | 96.6 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 2000 | | 79.4 | 85.6 | 90.2 | 94.9 | 95.9 | 97.3 | 97.8 | 97.8 | 98.2 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1800 | | 79.4 | 85.6 | 90.3 | 95.0 | 96.0 | 97.3 | 97.9 | 97.9 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1500 | | 79.6 | 85.8 | 90.6 | 95.2 | 96.2 | 97.6 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1200 | | 79.7 | 85.9 | 90.7 | 95.3 | 96.3 | 97.7 | 98.2 | 98.2 | 98.6 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | | 79.8 | 86.2 | 91.0 | 95.7 | 96.7 | 98.1 | 98.6 | 98.6 | 99.0 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | | 79.8 | 86.2 | 91.0 | 95.7 | 96.7 | 98.1 | 98.6 | 98.6 | 99.0 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 800 | | 79.9 | 86.3 | 91.1 | 95.8 | 96.8 | 98.2 | 98.8 | 98.8 | 99.2 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | | 80.0 | 86.4 | 91.1 | 95.9 | 96.9 | 98.3 | 98.9 | 98.9 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | | 80.1 | 86.5 | 91.3 | 96.1 | 97.0 | 98.5 | 99.0 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | | 80.1 | 86.5 | 91.3 | 96.1 | 97.0 | 98.5 | 99.0 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | | 80.1 | 86.5 | 91.3 | 96.1 | 97.0 | 98.5 | 99.0 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 300 | | 80.1 | 86.5 | 91.3 | 96.1 | 97.0 | 98.5 | 99.0 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | | 80.1 | 86.5 | 91.3 | 96.1 | 97.0 | 98.5 | 99.0 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | | 80.1 | 86.5 | 91.3 | 96.1 | 97.0 | 98.5 | 99.0 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| 0 | | 80.1 | 86.5 | 91.3 | 96.1 | 97.0 | 98.5 | 99.0 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 62.0 | 68.0 | 72.0 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 20000 | | 68.7 | 74.7 | 78.7 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 18000 | | 68.7 | 74.7 | 78.7 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 16000 | | 68.7 | 74.7 | 78.7 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 14000 | | 68.7 | 74.7 | 78.7 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 12000 | | 69.3 | 75.3 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 10000 | | 72.7 | 79.3 | 84.0 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 9000 | | 74.0 | 81.3 | 86.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 8000 | | 77.3 | 84.7 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 7000 | | 77.3 | 84.7 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 6000 | | 77.3 | 84.7 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 5000 | | 77.3 | 84.7 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 4500 | | 77.3 | 84.7 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 4000 | | 77.3 | 84.7 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 3500 | | 77.3 | 84.7 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 3000 | | 78.0 | 85.3 | 90.0 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2500 | | 79.3 | 86.7 | 91.3 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 2000 | | 82.7 | 90.0 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1800 | | 82.7 | 90.0 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1500 | | 83.3 | 90.7 | 95.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1200 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 84.7 | 92.0 | 96.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) SEP (MONTH) 03 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 47.3 | 54.0 | 56.7 | 60.0 | 61.3 | 64.0 | 65.3 | 65.3 | 66.0 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 20000 | | 55.3 | 62.7 | 65.3 | 68.7 | 70.0 | 72.7 | 74.0 | 74.0 | 74.7 | 75.3 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 18000 | | 55.3 | 62.7 | 65.3 | 68.7 | 70.0 | 72.7 | 74.0 | 74.0 | 74.7 | 75.3 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 16000 | | 55.3 | 62.7 | 65.3 | 68.7 | 70.0 | 72.7 | 74.0 | 74.0 | 74.7 | 75.3 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 14000 | | 55.3 | 62.7 | 65.3 | 68.7 | 70.0 | 72.7 | 74.0 | 74.0 | 74.7 | 75.3 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 12000 | | 55.3 | 62.7 | 65.3 | 68.7 | 70.0 | 72.7 | 74.0 | 74.0 | 74.7 | 75.3 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 10000 | | 59.3 | 67.3 | 70.0 | 74.0 | 75.3 | 78.0 | 79.3 | 79.3 | 80.0 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 9000 | | 59.3 | 67.3 | 70.0 | 74.7 | 76.0 | 78.7 | 80.0 | 80.0 | 80.7 | 81.3 | 81.3 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 8000 | | 64.7 | 73.3 | 76.0 | 81.3 | 82.7 | 85.3 | 86.7 | 86.7 | 87.3 | 88.0 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 7000 | | 64.7 | 73.3 | 76.0 | 81.3 | 82.7 | 85.3 | 86.7 | 86.7 | 87.3 | 88.0 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 6000 | | 64.7 | 73.3 | 76.0 | 81.3 | 82.7 | 85.3 | 86.7 | 86.7 | 87.3 | 88.0 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 5000 | | 64.7 | 74.0 | 76.7 | 82.0 | 83.3 | 86.0 | 87.3 | 87.3 | 88.0 | 88.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 4500 | | 64.7 | 74.0 | 76.7 | 82.0 | 83.3 | 86.0 | 87.3 | 87.3 | 88.0 | 88.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 4000 | | 64.7 | 74.0 | 76.7 | 82.0 | 83.3 | 86.0 | 87.3 | 87.3 | 88.0 | 88.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 3500 | | 64.7 | 74.0 | 76.7 | 82.0 | 83.3 | 86.0 | 87.3 | 87.3 | 88.0 | 88.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 3000 | | 65.3 | 74.7 | 77.3 | 82.7 | 84.0 | 86.7 | 88.0 | 88.0 | 88.7 | 89.3 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 2500 | | 66.7 | 76.0 | 78.7 | 84.0 | 85.3 | 88.0 | 89.3 | 89.3 | 90.0 | 90.7 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 2000 | | 67.3 | 76.7 | 79.3 | 84.7 | 86.0 | 88.7 | 90.0 | 90.0 | 90.7 | 91.3 | 91.3 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 1800 | | 67.3 | 76.7 | 79.3 | 84.7 | 86.0 | 88.7 | 90.0 | 90.0 | 90.7 | 91.3 | 91.3 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 1500 | | 70.0 | 79.3 | 82.0 | 87.3 | 88.7 | 91.3 | 92.7 | 92.7 | 94.0 | 94.7 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1200 | | 71.3 | 80.7 | 83.3 | 88.7 | 90.0 | 92.7 | 94.0 | 94.0 | 95.3 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1000 | | 73.3 | 82.7 | 86.0 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | | 73.3 | 82.7 | 86.0 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | | 73.3 | 82.7 | 86.0 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | | 73.3 | 82.7 | 86.0 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | | 73.3 | 82.7 | 86.0 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | | 73.3 | 82.7 | 86.0 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | | 73.3 | 82.7 | 86.0 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | | 73.3 | 82.7 | 86.0 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 73.3 | 82.7 | 86.0 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 73.3 | 82.7 | 86.0 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 73.3 | 82.7 | 86.0 | 91.3 | 92.7 | 95.3 | 96.7 | 96.7 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH)

06 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 29.3 | 34.7 | 36.7 | 46.0 | 48.0 | 50.7 | 51.3 | 51.3 | 53.3 | 55.3 | 55.3 | 58.0 | 58.0 | 58.7 | 59.3 |
| ≥ 20000 | | 35.3 | 40.7 | 43.3 | 54.0 | 56.0 | 59.3 | 60.0 | 60.0 | 63.3 | 65.3 | 65.3 | 68.0 | 68.0 | 68.7 | 69.3 |
| ≥ 18000 | | 35.3 | 40.7 | 43.3 | 54.0 | 56.0 | 59.3 | 60.0 | 60.0 | 63.3 | 65.3 | 65.3 | 68.0 | 68.0 | 68.7 | 69.3 |
| ≥ 16000 | | 35.3 | 40.7 | 43.3 | 54.0 | 56.0 | 59.3 | 60.0 | 60.0 | 63.3 | 65.3 | 65.3 | 68.0 | 68.0 | 68.7 | 69.3 |
| ≥ 14000 | | 35.3 | 40.7 | 43.3 | 54.0 | 56.0 | 59.3 | 60.0 | 60.0 | 63.3 | 65.3 | 65.3 | 68.0 | 68.0 | 68.7 | 69.3 |
| ≥ 12000 | | 36.0 | 41.3 | 44.0 | 55.3 | 57.3 | 60.7 | 62.0 | 62.0 | 65.3 | 67.3 | 67.3 | 70.0 | 70.0 | 70.7 | 71.3 |
| ≥ 10000 | | 39.3 | 46.0 | 48.7 | 60.0 | 62.0 | 66.0 | 68.0 | 68.0 | 71.3 | 73.3 | 73.3 | 77.3 | 77.3 | 78.0 | 78.7 |
| ≥ 9000 | | 39.3 | 46.0 | 48.7 | 60.0 | 62.0 | 66.0 | 68.0 | 68.0 | 71.3 | 73.3 | 73.3 | 77.3 | 77.3 | 78.0 | 78.7 |
| ≥ 8000 | | 42.7 | 49.3 | 52.7 | 64.0 | 66.0 | 70.7 | 72.7 | 72.7 | 76.0 | 78.0 | 78.0 | 82.0 | 82.0 | 82.7 | 83.3 |
| ≥ 7000 | | 43.3 | 50.0 | 53.3 | 64.7 | 66.7 | 71.3 | 73.3 | 73.3 | 76.7 | 78.7 | 78.7 | 82.7 | 82.7 | 83.3 | 84.0 |
| ≥ 6000 | | 43.3 | 50.7 | 54.0 | 65.3 | 67.3 | 72.0 | 74.0 | 74.0 | 77.3 | 79.3 | 79.3 | 83.3 | 83.3 | 84.0 | 84.7 |
| ≥ 5000 | | 44.0 | 51.3 | 54.7 | 66.0 | 68.0 | 72.7 | 74.7 | 74.7 | 78.0 | 80.0 | 80.0 | 84.0 | 84.0 | 84.7 | 85.3 |
| ≥ 4500 | | 44.7 | 52.0 | 55.3 | 66.7 | 68.7 | 73.3 | 75.3 | 75.3 | 78.7 | 80.7 | 80.7 | 84.7 | 84.7 | 85.3 | 86.0 |
| ≥ 4000 | | 44.7 | 52.0 | 55.3 | 66.7 | 68.7 | 73.3 | 75.3 | 75.3 | 78.7 | 80.7 | 80.7 | 84.7 | 84.7 | 85.3 | 86.0 |
| ≥ 3500 | | 44.7 | 52.0 | 55.3 | 66.7 | 68.7 | 73.3 | 75.3 | 75.3 | 78.7 | 80.7 | 80.7 | 84.7 | 84.7 | 85.3 | 86.0 |
| ≥ 3000 | | 44.7 | 52.0 | 55.3 | 66.7 | 68.7 | 73.3 | 75.3 | 75.3 | 78.7 | 80.7 | 80.7 | 84.7 | 84.7 | 85.3 | 86.0 |
| ≥ 2500 | | 46.7 | 54.0 | 57.3 | 69.3 | 72.0 | 76.7 | 78.7 | 78.7 | 82.0 | 84.0 | 84.0 | 88.0 | 88.0 | 88.7 | 89.3 |
| ≥ 2000 | | 48.0 | 56.0 | 59.3 | 71.3 | 74.0 | 78.7 | 80.7 | 80.7 | 84.7 | 86.7 | 86.7 | 90.7 | 90.7 | 91.3 | 92.0 |
| ≥ 1800 | | 48.0 | 56.0 | 59.3 | 72.0 | 74.7 | 79.3 | 81.3 | 81.3 | 85.3 | 87.3 | 87.3 | 91.3 | 91.3 | 92.0 | 92.7 |
| ≥ 1500 | | 50.0 | 58.0 | 62.0 | 74.7 | 77.3 | 82.0 | 84.0 | 84.0 | 88.0 | 90.0 | 90.0 | 94.0 | 94.0 | 94.7 | 95.3 |
| ≥ 1200 | | 50.0 | 58.0 | 62.0 | 74.7 | 77.3 | 82.0 | 84.0 | 84.0 | 88.0 | 90.0 | 90.0 | 94.0 | 94.0 | 94.7 | 95.3 |
| ≥ 1000 | | 50.7 | 59.3 | 63.3 | 76.0 | 78.7 | 84.0 | 86.0 | 86.0 | 90.0 | 92.0 | 92.0 | 96.0 | 96.0 | 96.7 | 97.3 |
| ≥ 900 | | 50.7 | 59.3 | 63.3 | 76.7 | 79.3 | 84.7 | 86.7 | 86.7 | 90.7 | 92.7 | 92.7 | 96.7 | 96.7 | 97.3 | 98.0 |
| ≥ 800 | | 50.7 | 59.3 | 63.3 | 76.7 | 79.3 | 84.7 | 86.7 | 86.7 | 90.7 | 92.7 | 92.7 | 96.7 | 96.7 | 97.3 | 98.0 |
| ≥ 700 | | 50.7 | 59.3 | 63.3 | 77.3 | 80.0 | 85.3 | 87.3 | 87.3 | 91.3 | 93.3 | 93.3 | 97.3 | 97.3 | 98.0 | 98.7 |
| ≥ 600 | | 50.7 | 59.3 | 63.3 | 77.3 | 80.0 | 85.3 | 87.3 | 87.3 | 91.3 | 93.3 | 93.3 | 97.3 | 97.3 | 98.0 | 98.7 |
| ≥ 500 | | 50.7 | 59.3 | 63.3 | 77.3 | 80.0 | 85.3 | 87.3 | 87.3 | 91.3 | 93.3 | 93.3 | 98.0 | 98.0 | 98.7 | 99.3 |
| ≥ 400 | | 50.7 | 59.3 | 63.3 | 77.3 | 80.0 | 85.3 | 87.3 | 87.3 | 91.3 | 93.3 | 93.3 | 98.0 | 98.0 | 98.7 | 99.3 |
| ≥ 300 | | 50.7 | 59.3 | 63.3 | 77.3 | 80.0 | 85.3 | 87.3 | 87.3 | 91.3 | 93.3 | 93.3 | 98.7 | 98.7 | 99.3 | 100.0 |
| ≥ 200 | | 50.7 | 59.3 | 63.3 | 77.3 | 80.0 | 85.3 | 87.3 | 87.3 | 91.3 | 93.3 | 93.3 | 98.7 | 98.7 | 99.3 | 100.0 |
| ≥ 100 | | 50.7 | 59.3 | 63.3 | 77.3 | 80.0 | 85.3 | 87.3 | 87.3 | 91.3 | 93.3 | 93.3 | 98.7 | 98.7 | 99.3 | 100.0 |
| ≥ 0 | | 50.7 | 59.3 | 63.3 | 77.3 | 80.0 | 85.3 | 87.3 | 87.3 | 91.3 | 93.3 | 93.3 | 98.7 | 98.7 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH) | 09 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 32.0 | 36.7 | 37.3 | 42.0 | 42.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 20000 | | 41.3 | 48.0 | 48.7 | 53.3 | 54.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 18000 | | 41.3 | 48.0 | 48.7 | 53.3 | 54.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 16000 | | 41.3 | 48.0 | 48.7 | 53.3 | 54.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 14000 | | 41.3 | 48.0 | 48.7 | 53.3 | 54.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 12000 | | 42.7 | 49.3 | 50.0 | 54.7 | 55.3 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 10000 | | 49.3 | 56.0 | 56.7 | 62.0 | 62.7 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 9000 | | 50.7 | 57.3 | 58.0 | 63.3 | 64.0 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 8000 | | 55.3 | 62.0 | 62.7 | 68.0 | 68.7 | 71.3 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 7000 | | 55.3 | 62.0 | 62.7 | 68.0 | 68.7 | 71.3 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 6000 | | 55.3 | 62.0 | 62.7 | 68.0 | 68.7 | 71.3 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 5000 | | 55.3 | 62.0 | 62.7 | 68.0 | 68.7 | 71.3 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 4500 | | 55.3 | 62.0 | 62.7 | 68.0 | 68.7 | 71.3 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 4000 | | 56.0 | 62.7 | 63.3 | 68.7 | 69.3 | 72.0 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 3500 | | 57.3 | 64.0 | 64.7 | 70.0 | 70.7 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 3000 | | 60.7 | 68.7 | 69.3 | 74.7 | 75.3 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 2500 | | 65.3 | 73.3 | 74.0 | 79.3 | 80.7 | 83.3 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 2000 | | 66.0 | 74.7 | 75.3 | 80.7 | 82.0 | 85.3 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1800 | | 66.7 | 75.3 | 76.7 | 82.0 | 83.3 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1500 | | 69.3 | 79.3 | 80.7 | 86.0 | 87.3 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 1200 | | 70.7 | 81.3 | 82.7 | 88.0 | 89.3 | 92.7 | 93.3 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1000 | | 71.3 | 82.0 | 83.3 | 89.3 | 90.7 | 94.0 | 94.7 | 94.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 900 | | 72.0 | 82.7 | 84.7 | 90.7 | 92.0 | 95.3 | 96.0 | 96.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 800 | | 72.0 | 82.7 | 85.3 | 91.3 | 93.3 | 96.7 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | | 72.0 | 82.7 | 85.3 | 91.3 | 93.3 | 96.7 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | | 72.0 | 82.7 | 85.3 | 91.3 | 93.3 | 96.7 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | | 72.0 | 82.7 | 85.3 | 91.3 | 93.3 | 96.7 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | | 72.0 | 82.7 | 85.3 | 91.3 | 93.3 | 96.7 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 72.0 | 82.7 | 85.3 | 91.3 | 93.3 | 96.7 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 72.0 | 82.7 | 85.3 | 91.3 | 93.3 | 96.7 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 72.0 | 82.7 | 85.3 | 91.3 | 93.3 | 96.7 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 72.0 | 82.7 | 85.3 | 91.3 | 93.3 | 96.7 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH) | 12 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 28.0 | 30.0 | 31.3 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 |
| ≥ 20000 | | 38.0 | 42.0 | 43.3 | 44.7 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 18000 | | 38.0 | 42.0 | 43.3 | 44.7 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 16000 | | 38.0 | 42.0 | 43.3 | 44.7 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 14000 | | 38.0 | 42.0 | 43.3 | 44.7 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 12000 | | 38.7 | 42.7 | 44.0 | 45.3 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| ≥ 10000 | | 44.7 | 50.0 | 51.3 | 52.7 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 9000 | | 46.0 | 52.0 | 54.0 | 55.3 | 56.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 8000 | | 48.0 | 54.7 | 57.3 | 59.3 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 7000 | | 48.0 | 54.7 | 57.3 | 59.3 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 6000 | | 48.0 | 54.7 | 57.3 | 59.3 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 5000 | | 48.0 | 54.7 | 57.3 | 59.3 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 4500 | | 49.3 | 56.0 | 58.7 | 60.7 | 61.3 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 4000 | | 49.3 | 56.0 | 58.7 | 60.7 | 61.3 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 3500 | | 51.3 | 58.0 | 60.7 | 62.7 | 63.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 3000 | | 60.7 | 68.0 | 71.3 | 73.3 | 74.0 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 2500 | | 64.0 | 72.0 | 75.3 | 77.3 | 78.7 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 2000 | | 67.3 | 76.7 | 80.7 | 82.7 | 84.0 | 86.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1800 | | 68.7 | 78.0 | 82.0 | 84.0 | 85.3 | 87.3 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 1500 | | 73.3 | 83.3 | 88.7 | 92.7 | 94.0 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1200 | | 73.3 | 84.0 | 89.3 | 93.3 | 95.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | | 73.3 | 84.0 | 90.0 | 94.0 | 96.0 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | | 73.3 | 84.0 | 90.7 | 94.7 | 96.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 73.3 | 84.0 | 90.7 | 94.7 | 96.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 73.3 | 84.0 | 90.7 | 94.7 | 96.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 73.3 | 84.0 | 90.7 | 94.7 | 96.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 73.3 | 84.0 | 90.7 | 94.7 | 96.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 73.3 | 84.0 | 90.7 | 94.7 | 96.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 73.3 | 84.0 | 90.7 | 94.7 | 96.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 73.3 | 84.0 | 90.7 | 94.7 | 96.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 73.3 | 84.0 | 90.7 | 94.7 | 96.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 73.3 | 84.0 | 90.7 | 94.7 | 96.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH) | 15 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 36.0 | 38.0 | 38.7 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 | 39.3 |
| ≥ 20000 | | 47.3 | 51.3 | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 18000 | | 47.3 | 51.3 | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 16000 | | 47.3 | 51.3 | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 14000 | | 47.3 | 51.3 | 52.0 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 12000 | | 48.7 | 52.7 | 53.3 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 10000 | | 56.7 | 61.3 | 62.0 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 9000 | | 58.0 | 62.7 | 63.3 | 64.7 | 64.7 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 8000 | | 60.7 | 66.0 | 67.3 | 68.7 | 68.7 | 69.3 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 7000 | | 61.3 | 66.7 | 68.0 | 69.3 | 69.3 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 6000 | | 61.3 | 66.7 | 68.0 | 69.3 | 69.3 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 5000 | | 62.7 | 68.0 | 69.3 | 70.7 | 70.7 | 71.3 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 4500 | | 63.3 | 68.7 | 70.0 | 71.3 | 71.3 | 72.0 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 4000 | | 64.7 | 70.0 | 71.3 | 72.7 | 72.7 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 3500 | | 66.7 | 72.0 | 73.3 | 74.7 | 74.7 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 3000 | | 74.0 | 79.3 | 80.7 | 83.3 | 83.3 | 84.0 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 2500 | | 79.3 | 85.3 | 87.3 | 91.3 | 91.3 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2000 | | 82.0 | 88.7 | 90.7 | 95.3 | 95.3 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1800 | | 82.0 | 88.7 | 90.7 | 95.3 | 95.3 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1500 | | 82.7 | 89.3 | 92.0 | 96.7 | 96.7 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1200 | | 83.3 | 90.0 | 92.7 | 97.3 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | | 83.3 | 90.0 | 92.7 | 97.3 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | | 83.3 | 90.0 | 92.7 | 97.3 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | | 84.0 | 90.7 | 93.3 | 98.0 | 98.0 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | | 84.7 | 91.3 | 94.0 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 84.7 | 91.3 | 94.0 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 84.7 | 91.3 | 94.0 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 84.7 | 91.3 | 94.0 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 84.7 | 91.3 | 94.0 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 84.7 | 91.3 | 94.0 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 84.7 | 91.3 | 94.0 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 84.7 | 91.3 | 94.0 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 39.3 | 44.7 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 20000 | | 63.3 | 70.7 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 18000 | | 63.3 | 70.7 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 16000 | | 63.3 | 70.7 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 14000 | | 63.3 | 70.7 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 12000 | | 65.3 | 72.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 10000 | | 72.0 | 79.3 | 82.0 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 9000 | | 72.7 | 80.0 | 82.7 | 83.3 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 8000 | | 76.0 | 83.3 | 86.0 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 7000 | | 76.0 | 83.3 | 86.0 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 6000 | | 76.0 | 83.3 | 86.0 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 5000 | | 76.0 | 83.3 | 86.0 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 4500 | | 77.3 | 85.3 | 88.0 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 4000 | | 77.3 | 85.3 | 88.0 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 3500 | | 78.0 | 86.0 | 88.7 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 3000 | | 78.0 | 86.0 | 89.3 | 90.0 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2500 | | 80.7 | 88.7 | 92.0 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 2000 | | 83.3 | 92.0 | 95.3 | 96.7 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | | 83.3 | 92.0 | 95.3 | 96.7 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1500 | | 84.0 | 92.7 | 96.0 | 97.3 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | | 84.0 | 92.7 | 96.0 | 97.3 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | | 84.7 | 93.3 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | | 84.7 | 93.3 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | | 84.7 | 93.3 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | | 85.3 | 94.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 85.3 | 94.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 85.3 | 94.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 85.3 | 94.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 85.3 | 94.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 85.3 | 94.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 85.3 | 94.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 85.3 | 94.0 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) SEP (MONTH)

21 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 56.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 20000 | | 71.3 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 18000 | | 71.3 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 16000 | | 71.3 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 14000 | | 71.3 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 12000 | | 71.3 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 10000 | | 80.7 | 84.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 9000 | | 80.7 | 84.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 8000 | | 84.0 | 87.3 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 7000 | | 84.7 | 88.0 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 6000 | | 84.7 | 88.0 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 5000 | | 85.3 | 88.7 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 4500 | | 86.7 | 90.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 4000 | | 86.7 | 90.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 3500 | | 86.7 | 90.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 3000 | | 88.0 | 91.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2500 | | 88.7 | 93.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 2000 | | 91.3 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | | 91.3 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1500 | | 92.0 | 96.7 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | | 92.7 | 97.3 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | SEP (MONTH) | ALL (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 41.3 | 45.5 | 47.0 | 49.5 | 50.0 | 50.9 | 51.2 | 51.2 | 51.5 | 51.8 | 51.8 | 52.2 | 52.2 | 52.3 | 52.3 |
| ≥ 20000 | | 52.6 | 58.1 | 60.0 | 62.7 | 63.3 | 64.3 | 64.6 | 64.6 | 65.1 | 65.4 | 65.4 | 65.8 | 65.8 | 65.9 | 66.0 |
| ≥ 18000 | | 52.6 | 58.1 | 60.0 | 62.7 | 63.3 | 64.3 | 64.6 | 64.6 | 65.1 | 65.4 | 65.4 | 65.8 | 65.8 | 65.9 | 66.0 |
| ≥ 16000 | | 52.6 | 58.1 | 60.0 | 62.7 | 63.3 | 64.3 | 64.6 | 64.6 | 65.1 | 65.4 | 65.4 | 65.8 | 65.8 | 65.9 | 66.0 |
| ≥ 14000 | | 52.6 | 58.1 | 60.0 | 62.7 | 63.3 | 64.3 | 64.6 | 64.6 | 65.1 | 65.4 | 65.4 | 65.8 | 65.8 | 65.9 | 66.0 |
| ≥ 12000 | | 53.4 | 58.9 | 60.8 | 63.6 | 64.2 | 65.3 | 65.6 | 65.6 | 66.1 | 66.4 | 66.4 | 66.8 | 66.8 | 66.9 | 67.0 |
| ≥ 10000 | | 59.3 | 65.4 | 67.5 | 70.6 | 71.3 | 72.4 | 72.8 | 72.8 | 73.3 | 73.7 | 73.7 | 74.3 | 74.3 | 74.3 | 74.4 |
| ≥ 9000 | | 60.1 | 66.3 | 68.5 | 71.7 | 72.3 | 73.7 | 74.1 | 74.1 | 74.6 | 74.9 | 74.9 | 75.5 | 75.5 | 75.6 | 75.7 |
| ≥ 8000 | | 63.6 | 70.1 | 72.5 | 75.8 | 76.5 | 77.9 | 78.5 | 78.5 | 79.0 | 79.3 | 79.3 | 79.9 | 79.9 | 80.0 | 80.1 |
| ≥ 7000 | | 63.8 | 70.3 | 72.8 | 76.1 | 76.8 | 78.2 | 78.8 | 78.8 | 79.3 | 79.6 | 79.6 | 80.2 | 80.2 | 80.3 | 80.3 |
| ≥ 6000 | | 63.8 | 70.4 | 72.8 | 76.2 | 76.8 | 78.3 | 78.8 | 78.8 | 79.3 | 79.7 | 79.7 | 80.3 | 80.3 | 80.3 | 80.4 |
| ≥ 5000 | | 64.2 | 70.8 | 73.3 | 76.6 | 77.3 | 78.7 | 79.3 | 79.3 | 79.8 | 80.1 | 80.1 | 80.7 | 80.7 | 80.8 | 80.8 |
| ≥ 4500 | | 64.8 | 71.6 | 74.0 | 77.3 | 78.0 | 79.4 | 80.0 | 80.0 | 80.5 | 80.8 | 80.8 | 81.4 | 81.4 | 81.5 | 81.6 |
| ≥ 4000 | | 65.1 | 71.8 | 74.3 | 77.6 | 78.3 | 79.7 | 80.3 | 80.3 | 80.8 | 81.1 | 81.1 | 81.7 | 81.7 | 81.8 | 81.8 |
| ≥ 3500 | | 65.8 | 72.6 | 75.0 | 78.3 | 79.0 | 80.4 | 81.0 | 81.0 | 81.5 | 81.8 | 81.8 | 82.4 | 82.4 | 82.5 | 82.6 |
| ≥ 3000 | | 68.7 | 75.7 | 78.3 | 81.8 | 82.4 | 83.8 | 84.4 | 84.4 | 84.9 | 85.3 | 85.3 | 85.8 | 85.8 | 85.9 | 86.0 |
| ≥ 2500 | | 71.3 | 78.7 | 81.3 | 85.2 | 86.1 | 87.6 | 88.3 | 88.3 | 88.8 | 89.1 | 89.1 | 89.7 | 89.7 | 89.8 | 89.8 |
| ≥ 2000 | | 73.5 | 81.3 | 84.1 | 88.1 | 89.0 | 90.7 | 91.4 | 91.4 | 92.1 | 92.4 | 92.4 | 93.1 | 93.1 | 93.2 | 93.3 |
| ≥ 1800 | | 73.8 | 81.6 | 84.4 | 88.5 | 89.4 | 91.1 | 91.8 | 91.8 | 92.5 | 92.8 | 92.8 | 93.5 | 93.5 | 93.6 | 93.7 |
| ≥ 1500 | | 75.6 | 83.7 | 86.8 | 91.3 | 92.2 | 94.0 | 94.8 | 94.8 | 95.5 | 95.8 | 95.8 | 96.5 | 96.5 | 96.6 | 96.7 |
| ≥ 1200 | | 76.3 | 84.5 | 87.7 | 92.1 | 93.1 | 94.9 | 95.7 | 95.7 | 96.5 | 96.8 | 96.8 | 97.5 | 97.5 | 97.6 | 97.7 |
| ≥ 1000 | | 76.8 | 85.1 | 88.4 | 92.9 | 93.9 | 95.8 | 96.6 | 96.6 | 97.5 | 97.8 | 97.8 | 98.5 | 98.5 | 98.6 | 98.7 |
| ≥ 900 | | 76.8 | 85.2 | 88.7 | 93.3 | 94.3 | 96.2 | 96.9 | 96.9 | 97.8 | 98.2 | 98.2 | 98.8 | 98.8 | 98.9 | 99.0 |
| ≥ 800 | | 76.9 | 85.3 | 88.8 | 93.4 | 94.5 | 96.4 | 97.2 | 97.2 | 98.1 | 98.4 | 98.4 | 99.1 | 99.1 | 99.2 | 99.3 |
| ≥ 700 | | 77.1 | 85.4 | 89.0 | 93.7 | 94.8 | 96.7 | 97.4 | 97.4 | 98.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.4 | 99.5 |
| ≥ 600 | | 77.1 | 85.4 | 89.0 | 93.7 | 94.8 | 96.7 | 97.5 | 97.5 | 98.4 | 98.8 | 98.8 | 99.4 | 99.4 | 99.5 | 99.6 |
| ≥ 500 | | 77.1 | 85.4 | 89.0 | 93.7 | 94.8 | 96.7 | 97.5 | 97.5 | 98.4 | 98.8 | 98.8 | 99.5 | 99.5 | 99.6 | 99.7 |
| ≥ 400 | | 77.1 | 85.4 | 89.0 | 93.7 | 94.8 | 96.7 | 97.5 | 97.5 | 98.4 | 98.8 | 98.8 | 99.6 | 99.6 | 99.7 | 99.8 |
| ≥ 300 | | 77.1 | 85.4 | 89.0 | 93.7 | 94.8 | 96.7 | 97.5 | 97.5 | 98.5 | 98.9 | 98.9 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 200 | | 77.1 | 85.4 | 89.0 | 93.7 | 94.8 | 96.7 | 97.5 | 97.5 | 98.5 | 98.9 | 98.9 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 100 | | 77.1 | 85.4 | 89.0 | 93.7 | 94.8 | 96.7 | 97.5 | 97.5 | 98.5 | 98.9 | 98.9 | 99.8 | 99.8 | 99.9 | 100.0 |
| 0 | | 77.1 | 85.4 | 89.0 | 93.7 | 94.8 | 96.7 | 97.5 | 97.5 | 98.5 | 98.9 | 98.9 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 60.7 | 65.8 | 67.1 | 67.7 | 68.4 | 69.7 | 69.7 | 69.7 | 72.9 | 73.6 | 73.6 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 20000 | | 64.5 | 70.3 | 71.6 | 72.3 | 72.9 | 74.2 | 74.2 | 74.2 | 78.1 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 18000 | | 64.5 | 70.3 | 71.6 | 72.3 | 72.9 | 74.2 | 74.2 | 74.2 | 78.1 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 16000 | | 64.5 | 70.3 | 71.6 | 72.3 | 72.9 | 74.2 | 74.2 | 74.2 | 78.1 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 14000 | | 64.5 | 70.3 | 71.6 | 72.3 | 72.9 | 74.2 | 74.2 | 74.2 | 78.1 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 12000 | | 65.2 | 71.0 | 72.3 | 72.9 | 73.6 | 74.8 | 74.8 | 74.8 | 78.7 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 10000 | | 67.1 | 73.6 | 74.8 | 75.5 | 76.1 | 77.4 | 78.1 | 78.1 | 81.9 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 9000 | | 67.1 | 73.6 | 74.8 | 75.5 | 76.1 | 77.4 | 78.1 | 78.1 | 81.9 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 8000 | | 71.6 | 78.7 | 80.0 | 80.7 | 81.3 | 82.6 | 83.2 | 83.2 | 87.1 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 7000 | | 71.6 | 78.7 | 80.0 | 80.7 | 81.3 | 82.6 | 83.2 | 83.2 | 87.1 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 6000 | | 71.6 | 78.7 | 80.0 | 80.7 | 81.3 | 82.6 | 83.2 | 83.2 | 87.1 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 5000 | | 72.3 | 79.4 | 80.7 | 81.3 | 81.9 | 83.2 | 83.9 | 83.9 | 87.7 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 4500 | | 72.9 | 80.7 | 81.9 | 82.6 | 83.2 | 84.5 | 85.2 | 85.2 | 89.0 | 89.7 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 4000 | | 72.9 | 81.3 | 82.6 | 83.2 | 83.9 | 85.2 | 85.8 | 85.8 | 89.7 | 90.3 | 90.3 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 3500 | | 72.9 | 81.3 | 83.2 | 83.9 | 84.5 | 85.8 | 86.5 | 86.5 | 90.3 | 91.0 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 3000 | | 74.2 | 82.6 | 84.5 | 85.2 | 85.8 | 87.1 | 87.7 | 87.7 | 91.6 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 2500 | | 75.5 | 83.9 | 85.8 | 86.5 | 87.1 | 88.4 | 89.0 | 89.0 | 92.9 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 2000 | | 75.5 | 83.9 | 85.8 | 86.5 | 87.1 | 88.4 | 89.0 | 89.0 | 92.9 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1800 | | 75.5 | 83.9 | 85.8 | 86.5 | 87.1 | 88.4 | 89.0 | 89.0 | 92.9 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1500 | | 76.8 | 85.2 | 87.1 | 87.7 | 88.4 | 89.7 | 90.3 | 90.3 | 94.2 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1200 | | 76.8 | 85.2 | 87.1 | 88.4 | 89.0 | 90.3 | 91.0 | 91.0 | 94.8 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1000 | | 77.4 | 85.8 | 88.4 | 89.7 | 90.3 | 91.6 | 92.3 | 92.3 | 96.1 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | | 77.4 | 85.8 | 88.4 | 89.7 | 90.3 | 91.6 | 92.3 | 92.3 | 96.1 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | | 77.4 | 85.8 | 88.4 | 89.7 | 90.3 | 91.6 | 92.3 | 92.3 | 96.1 | 96.8 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | | 77.4 | 85.8 | 88.4 | 89.7 | 90.3 | 91.6 | 92.3 | 92.3 | 96.1 | 96.8 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 600 | | 77.4 | 86.5 | 89.0 | 91.0 | 91.6 | 92.9 | 93.6 | 93.6 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | | 77.4 | 86.5 | 89.0 | 91.0 | 91.6 | 92.9 | 93.6 | 93.6 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | | 77.4 | 86.5 | 89.0 | 91.0 | 91.6 | 92.9 | 93.6 | 93.6 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | | 77.4 | 86.5 | 89.0 | 91.0 | 91.6 | 92.9 | 93.6 | 93.6 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 |
| ≥ 200 | | 77.4 | 86.5 | 89.0 | 91.0 | 91.6 | 92.9 | 93.6 | 93.6 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 |
| ≥ 100 | | 77.4 | 86.5 | 89.0 | 91.0 | 91.6 | 92.9 | 93.6 | 93.6 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 |
| ≥ 0 | | 77.4 | 86.5 | 89.0 | 91.0 | 91.6 | 92.9 | 93.6 | 93.6 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH) | 03 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 47.1 | 53.6 | 58.1 | 61.3 | 62.6 | 65.8 | 65.8 | 65.8 | 67.7 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.7 |
| ≥ 20000 | | 51.6 | 58.7 | 63.2 | 66.5 | 67.7 | 71.0 | 71.0 | 71.0 | 72.9 | 73.6 | 73.6 | 74.2 | 74.2 | 74.8 | 75.5 |
| ≥ 18000 | | 51.6 | 58.7 | 63.2 | 66.5 | 67.7 | 71.0 | 71.0 | 71.0 | 72.9 | 73.6 | 73.6 | 74.2 | 74.2 | 74.8 | 75.5 |
| ≥ 16000 | | 51.6 | 58.7 | 63.2 | 66.5 | 67.7 | 71.0 | 71.0 | 71.0 | 72.9 | 73.6 | 73.6 | 74.2 | 74.2 | 74.8 | 75.5 |
| ≥ 14000 | | 51.6 | 58.7 | 63.2 | 66.5 | 67.7 | 71.0 | 71.0 | 71.0 | 72.9 | 73.6 | 73.6 | 74.2 | 74.2 | 74.8 | 75.5 |
| ≥ 12000 | | 52.9 | 60.0 | 64.5 | 67.7 | 69.0 | 72.3 | 72.3 | 72.3 | 74.2 | 74.8 | 74.8 | 75.5 | 75.5 | 76.1 | 76.8 |
| ≥ 10000 | | 52.9 | 61.3 | 65.8 | 69.0 | 70.3 | 73.6 | 73.6 | 73.6 | 75.5 | 76.1 | 76.1 | 78.1 | 78.1 | 78.7 | 79.4 |
| ≥ 9000 | | 54.2 | 62.6 | 67.1 | 70.3 | 71.6 | 74.8 | 74.8 | 74.8 | 76.8 | 77.4 | 77.4 | 79.4 | 79.4 | 80.0 | 80.7 |
| ≥ 8000 | | 58.1 | 66.5 | 71.0 | 74.2 | 75.5 | 78.7 | 78.7 | 78.7 | 81.3 | 81.9 | 81.9 | 83.9 | 83.9 | 84.5 | 85.2 |
| ≥ 7000 | | 58.1 | 67.1 | 72.3 | 75.5 | 76.8 | 80.0 | 80.0 | 80.0 | 82.6 | 83.2 | 83.2 | 85.2 | 85.2 | 85.8 | 86.5 |
| ≥ 6000 | | 58.1 | 67.1 | 72.3 | 75.5 | 76.8 | 80.0 | 80.0 | 80.0 | 82.6 | 83.2 | 83.2 | 85.2 | 85.2 | 85.8 | 86.5 |
| ≥ 5000 | | 58.1 | 67.1 | 72.3 | 76.1 | 77.4 | 80.7 | 80.7 | 80.7 | 83.2 | 83.9 | 83.9 | 85.8 | 85.8 | 86.5 | 87.1 |
| ≥ 4500 | | 58.1 | 67.1 | 72.3 | 76.1 | 77.4 | 80.7 | 80.7 | 80.7 | 83.2 | 83.9 | 83.9 | 85.8 | 85.8 | 86.5 | 87.1 |
| ≥ 4000 | | 59.4 | 68.4 | 74.2 | 78.1 | 79.4 | 82.6 | 82.6 | 82.6 | 85.2 | 85.8 | 85.8 | 87.7 | 87.7 | 88.4 | 89.0 |
| ≥ 3500 | | 59.4 | 68.4 | 74.2 | 78.1 | 79.4 | 82.6 | 82.6 | 82.6 | 85.2 | 85.8 | 85.8 | 87.7 | 87.7 | 88.4 | 89.0 |
| ≥ 3000 | | 60.0 | 69.0 | 74.8 | 78.7 | 80.0 | 83.2 | 83.2 | 83.2 | 85.8 | 86.5 | 86.5 | 88.4 | 88.4 | 89.0 | 89.7 |
| ≥ 2500 | | 60.7 | 69.7 | 75.5 | 79.4 | 80.7 | 83.9 | 83.9 | 83.9 | 86.5 | 87.1 | 87.1 | 89.0 | 89.0 | 89.7 | 90.3 |
| ≥ 2000 | | 61.3 | 71.6 | 77.4 | 81.3 | 82.6 | 85.8 | 85.8 | 85.8 | 88.4 | 89.0 | 89.0 | 91.0 | 91.0 | 91.6 | 92.3 |
| ≥ 1800 | | 61.3 | 71.6 | 77.4 | 81.3 | 82.6 | 85.8 | 85.8 | 85.8 | 88.4 | 89.0 | 89.0 | 91.0 | 91.0 | 91.6 | 92.3 |
| ≥ 1500 | | 61.3 | 71.6 | 77.4 | 81.3 | 82.6 | 85.8 | 85.8 | 85.8 | 88.4 | 89.0 | 89.0 | 91.0 | 91.0 | 91.6 | 92.3 |
| ≥ 1200 | | 61.9 | 72.3 | 78.7 | 82.6 | 83.9 | 87.1 | 87.1 | 87.1 | 89.7 | 90.3 | 90.3 | 92.3 | 92.3 | 92.9 | 93.6 |
| ≥ 1000 | | 63.9 | 74.2 | 80.7 | 84.5 | 85.8 | 89.0 | 89.0 | 89.0 | 91.6 | 92.3 | 92.3 | 94.2 | 94.2 | 94.8 | 95.5 |
| ≥ 900 | | 63.9 | 74.2 | 80.7 | 85.2 | 86.5 | 90.3 | 90.3 | 90.3 | 92.9 | 93.6 | 93.6 | 95.5 | 95.5 | 96.1 | 96.8 |
| ≥ 800 | | 63.9 | 74.8 | 81.3 | 85.8 | 87.1 | 91.0 | 91.0 | 91.0 | 93.6 | 94.2 | 94.2 | 96.1 | 96.1 | 96.8 | 97.4 |
| ≥ 700 | | 63.9 | 74.8 | 81.3 | 85.8 | 87.1 | 91.0 | 91.6 | 91.6 | 94.2 | 94.8 | 94.8 | 96.8 | 96.8 | 97.4 | 98.1 |
| ≥ 600 | | 63.9 | 74.8 | 81.9 | 87.1 | 88.4 | 92.3 | 92.9 | 92.9 | 95.5 | 96.1 | 96.1 | 98.1 | 98.1 | 98.7 | 99.4 |
| ≥ 500 | | 63.9 | 74.8 | 81.9 | 87.1 | 88.4 | 92.3 | 92.9 | 92.9 | 95.5 | 96.1 | 96.1 | 98.1 | 98.1 | 98.7 | 99.4 |
| ≥ 400 | | 63.9 | 74.8 | 81.9 | 87.1 | 88.4 | 92.3 | 92.9 | 92.9 | 95.5 | 96.1 | 96.1 | 98.1 | 98.1 | 98.7 | 99.4 |
| ≥ 300 | | 63.9 | 74.8 | 81.9 | 87.1 | 88.4 | 92.3 | 92.9 | 92.9 | 95.5 | 96.1 | 96.1 | 98.1 | 98.1 | 98.7 | 99.4 |
| ≥ 200 | | 63.9 | 74.8 | 81.9 | 87.1 | 88.4 | 92.3 | 92.9 | 92.9 | 95.5 | 96.1 | 96.1 | 98.1 | 98.1 | 98.7 | 99.4 |
| ≥ 100 | | 63.9 | 74.8 | 81.9 | 87.1 | 88.4 | 92.3 | 92.9 | 92.9 | 95.5 | 96.1 | 96.1 | 98.1 | 98.1 | 98.7 | 99.4 |
| ≥ 0 | | 63.9 | 74.8 | 81.9 | 87.1 | 88.4 | 92.3 | 92.9 | 92.9 | 95.5 | 96.1 | 96.1 | 98.1 | 98.1 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH) | 06 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 32.3 | 36.1 | 38.1 | 46.5 | 49.7 | 53.6 | 56.8 | 56.8 | 58.1 | 60.0 | 60.0 | 62.6 | 62.6 | 63.2 | 65.2 |
| ≥ 20000 | | 37.4 | 41.3 | 43.2 | 51.6 | 54.8 | 58.7 | 61.9 | 61.9 | 63.2 | 65.2 | 65.2 | 67.7 | 67.7 | 68.4 | 70.3 |
| AVI 18000 | | 37.4 | 41.3 | 43.2 | 51.6 | 54.8 | 58.7 | 61.9 | 61.9 | 63.2 | 65.2 | 65.2 | 67.7 | 67.7 | 68.4 | 70.3 |
| AVI 16000 | | 37.4 | 41.3 | 43.2 | 51.6 | 54.8 | 58.7 | 61.9 | 61.9 | 63.2 | 65.2 | 65.2 | 67.7 | 67.7 | 68.4 | 70.3 |
| AVI 14000 | | 37.4 | 41.3 | 43.2 | 51.6 | 54.8 | 58.7 | 61.9 | 61.9 | 63.2 | 65.2 | 65.2 | 67.7 | 67.7 | 68.4 | 70.3 |
| AVI 12000 | | 38.1 | 41.9 | 43.9 | 52.3 | 55.5 | 59.4 | 62.6 | 62.6 | 63.9 | 65.8 | 65.8 | 68.4 | 68.4 | 69.7 | 71.6 |
| AVI 10000 | | 39.4 | 44.5 | 46.5 | 54.8 | 58.7 | 62.6 | 65.8 | 65.8 | 67.1 | 69.0 | 69.0 | 71.6 | 71.6 | 74.2 | 76.1 |
| AVI 9000 | | 39.4 | 44.5 | 47.1 | 55.5 | 59.4 | 63.2 | 66.5 | 66.5 | 67.7 | 69.7 | 69.7 | 72.3 | 72.3 | 74.8 | 76.8 |
| AVI 8000 | | 41.9 | 47.7 | 50.3 | 59.4 | 63.2 | 67.1 | 70.3 | 70.3 | 71.6 | 73.6 | 73.6 | 76.8 | 76.8 | 79.4 | 81.3 |
| AVI 7000 | | 41.9 | 47.7 | 50.3 | 60.0 | 63.9 | 67.7 | 71.0 | 71.0 | 72.3 | 74.2 | 74.2 | 77.4 | 77.4 | 80.0 | 81.9 |
| AVI 6000 | | 41.9 | 47.7 | 50.3 | 60.0 | 63.9 | 67.7 | 71.0 | 71.0 | 72.3 | 74.2 | 74.2 | 77.4 | 77.4 | 80.0 | 81.9 |
| AVI 5000 | | 42.6 | 48.4 | 51.0 | 60.7 | 64.5 | 68.4 | 71.6 | 71.6 | 72.9 | 74.8 | 74.8 | 78.1 | 78.1 | 80.7 | 82.6 |
| AVI 4500 | | 42.6 | 48.4 | 51.0 | 60.7 | 64.5 | 68.4 | 71.6 | 71.6 | 72.9 | 74.8 | 74.8 | 78.1 | 78.1 | 80.7 | 82.6 |
| AVI 4000 | | 42.6 | 48.4 | 51.0 | 60.7 | 65.2 | 69.0 | 72.3 | 72.3 | 73.6 | 75.5 | 75.5 | 78.7 | 78.7 | 81.3 | 83.2 |
| AVI 3500 | | 43.2 | 49.0 | 51.6 | 61.3 | 65.8 | 69.7 | 72.9 | 72.9 | 74.2 | 76.1 | 76.1 | 79.4 | 79.4 | 81.9 | 83.9 |
| AVI 3000 | | 43.9 | 49.7 | 52.3 | 61.9 | 66.5 | 70.3 | 73.6 | 73.6 | 74.8 | 76.8 | 76.8 | 80.0 | 80.0 | 82.6 | 84.5 |
| AVI 2500 | | 44.5 | 50.3 | 52.9 | 62.6 | 67.1 | 71.0 | 74.2 | 74.2 | 75.5 | 77.4 | 77.4 | 80.7 | 80.7 | 83.2 | 85.2 |
| AVI 2000 | | 46.5 | 52.3 | 55.5 | 65.8 | 70.3 | 74.2 | 77.4 | 77.4 | 78.7 | 80.7 | 80.7 | 83.9 | 83.9 | 86.5 | 88.4 |
| AVI 1800 | | 46.5 | 52.3 | 55.5 | 65.8 | 70.3 | 74.2 | 77.4 | 77.4 | 78.7 | 80.7 | 80.7 | 83.9 | 83.9 | 86.5 | 88.4 |
| AVI 1500 | | 48.4 | 54.2 | 57.4 | 68.4 | 72.9 | 76.8 | 80.0 | 80.0 | 81.3 | 83.2 | 83.2 | 86.5 | 86.5 | 89.0 | 91.0 |
| AVI 1200 | | 49.0 | 55.5 | 58.7 | 69.7 | 74.2 | 78.1 | 81.3 | 81.3 | 82.6 | 84.5 | 84.5 | 87.7 | 87.7 | 90.3 | 92.3 |
| AVI 1000 | | 49.7 | 56.8 | 60.0 | 71.6 | 76.1 | 80.0 | 83.2 | 83.2 | 84.5 | 86.5 | 86.5 | 89.7 | 89.7 | 92.3 | 94.2 |
| AVI 900 | | 49.7 | 56.8 | 60.0 | 71.6 | 76.1 | 80.0 | 83.2 | 83.2 | 84.5 | 86.5 | 86.5 | 89.7 | 89.7 | 92.3 | 94.2 |
| AVI 800 | | 50.3 | 58.1 | 61.3 | 73.6 | 78.1 | 81.9 | 85.2 | 85.2 | 86.5 | 88.4 | 88.4 | 91.6 | 91.6 | 94.2 | 96.1 |
| AVI 700 | | 51.0 | 59.4 | 62.6 | 74.8 | 79.4 | 83.2 | 86.5 | 86.5 | 87.7 | 89.7 | 89.7 | 92.9 | 92.9 | 95.5 | 97.4 |
| AVI 600 | | 51.0 | 59.4 | 62.6 | 74.8 | 79.4 | 83.2 | 86.5 | 86.5 | 87.7 | 89.7 | 89.7 | 93.6 | 93.6 | 96.1 | 98.1 |
| AVI 500 | | 51.0 | 59.4 | 62.6 | 74.8 | 79.4 | 83.2 | 86.5 | 86.5 | 87.7 | 89.7 | 89.7 | 93.6 | 93.6 | 96.1 | 98.1 |
| AVI 400 | | 51.0 | 59.4 | 62.6 | 74.8 | 79.4 | 83.2 | 86.5 | 86.5 | 89.0 | 91.0 | 91.0 | 94.8 | 94.8 | 97.4 | 99.4 |
| AVI 300 | | 51.0 | 59.4 | 62.6 | 74.8 | 79.4 | 83.2 | 86.5 | 86.5 | 89.0 | 91.0 | 91.0 | 94.8 | 94.8 | 97.4 | 99.4 |
| AVI 200 | | 51.0 | 59.4 | 62.6 | 74.8 | 79.4 | 83.2 | 86.5 | 86.5 | 89.0 | 91.0 | 91.0 | 94.8 | 94.8 | 97.4 | 99.4 |
| AVI 100 | | 51.0 | 59.4 | 62.6 | 74.8 | 79.4 | 83.2 | 86.5 | 86.5 | 89.0 | 91.0 | 91.0 | 94.8 | 94.8 | 97.4 | 99.4 |
| AVI 0 | | 51.0 | 59.4 | 62.6 | 74.8 | 79.4 | 83.2 | 86.5 | 86.5 | 89.0 | 91.0 | 91.0 | 94.8 | 94.8 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

09 (HOURS (L.S.T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 47.1 | 52.3 | 54.2 | 56.1 | 56.8 | 60.0 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 20000 | | 50.3 | 56.6 | 59.4 | 61.3 | 61.9 | 65.2 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 18000 | | 50.3 | 56.8 | 59.4 | 61.3 | 61.9 | 65.2 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 16000 | | 50.3 | 56.8 | 59.4 | 61.3 | 61.9 | 65.2 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 14000 | | 50.3 | 56.8 | 59.4 | 61.3 | 61.9 | 65.2 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 12000 | | 51.6 | 58.1 | 61.3 | 63.2 | 63.9 | 67.1 | 67.7 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 10000 | | 54.2 | 61.9 | 65.8 | 67.7 | 68.4 | 71.6 | 72.3 | 72.3 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 9000 | | 54.8 | 62.6 | 66.5 | 68.4 | 69.0 | 72.3 | 72.9 | 72.9 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 8000 | | 58.7 | 66.5 | 70.3 | 72.9 | 73.6 | 76.8 | 77.4 | 77.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 7000 | | 58.7 | 66.5 | 70.3 | 72.9 | 73.6 | 76.8 | 77.4 | 77.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 6000 | | 58.7 | 66.5 | 70.3 | 72.9 | 73.6 | 76.8 | 77.4 | 77.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 5000 | | 58.7 | 66.5 | 70.3 | 72.9 | 73.6 | 76.8 | 77.4 | 77.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 4500 | | 58.7 | 66.5 | 70.3 | 72.9 | 73.6 | 76.8 | 77.4 | 77.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 4000 | | 58.7 | 67.1 | 71.0 | 73.6 | 74.2 | 77.4 | 78.1 | 78.1 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 3500 | | 58.7 | 67.1 | 71.0 | 73.6 | 74.2 | 77.4 | 78.1 | 78.1 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 3000 | | 59.4 | 67.7 | 71.6 | 74.2 | 74.8 | 78.7 | 79.4 | 79.4 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 2500 | | 60.0 | 68.4 | 72.3 | 74.8 | 75.5 | 79.4 | 80.0 | 80.0 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 2000 | | 63.2 | 71.6 | 75.5 | 78.1 | 78.7 | 83.2 | 83.9 | 83.9 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 1800 | | 63.9 | 72.3 | 76.1 | 78.7 | 79.4 | 83.9 | 84.5 | 84.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 1500 | | 65.8 | 75.5 | 79.4 | 82.6 | 83.2 | 87.7 | 88.4 | 88.4 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1200 | | 66.5 | 76.1 | 80.0 | 83.2 | 83.9 | 88.4 | 89.0 | 89.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1000 | | 67.7 | 77.4 | 81.9 | 85.2 | 85.8 | 90.3 | 91.0 | 91.0 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 900 | | 67.7 | 77.4 | 81.9 | 85.8 | 86.5 | 91.0 | 91.6 | 91.6 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 800 | | 67.7 | 78.1 | 83.2 | 87.1 | 87.7 | 92.9 | 93.6 | 93.6 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 700 | | 67.7 | 78.1 | 83.2 | 87.1 | 87.7 | 92.9 | 93.6 | 93.6 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 600 | | 67.7 | 78.1 | 83.2 | 87.1 | 87.7 | 92.9 | 93.6 | 93.6 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 500 | | 67.7 | 78.1 | 83.2 | 87.1 | 87.7 | 94.2 | 94.8 | 94.8 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 400 | | 67.7 | 78.1 | 83.2 | 87.1 | 87.7 | 94.2 | 94.8 | 94.8 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | | 67.7 | 78.1 | 83.2 | 87.1 | 87.7 | 94.2 | 94.8 | 94.8 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 67.7 | 78.1 | 83.2 | 87.1 | 87.7 | 94.2 | 94.8 | 94.8 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 67.7 | 78.1 | 83.2 | 87.1 | 87.7 | 94.2 | 94.8 | 94.8 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 67.7 | 78.1 | 83.2 | 87.1 | 87.7 | 94.2 | 94.8 | 94.8 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

12 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | .7 | 56.8 | 56.8 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 20000 | .7 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 18000 | .7 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 16000 | .7 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 14000 | .7 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 12000 | .7 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 10000 | .7 | 71.6 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 9000 | .7 | 71.6 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 8000 | .7 | 74.8 | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 7000 | .7 | 74.8 | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 6000 | .7 | 74.8 | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 5000 | .7 | 74.8 | 76.1 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 4500 | .7 | 74.8 | 76.1 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 4000 | .7 | 76.1 | 77.4 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 3500 | .7 | 76.8 | 78.7 | 79.4 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 3000 | .7 | 80.0 | 81.9 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 2500 | .7 | 82.6 | 84.5 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 2000 | .7 | 86.5 | 89.0 | 91.0 | 91.6 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 1800 | .7 | 87.1 | 89.7 | 91.6 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1500 | .7 | 89.7 | 92.3 | 94.2 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1200 | .7 | 90.3 | 92.9 | 94.8 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1000 | .7 | 90.3 | 93.6 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | .7 | 90.3 | 93.6 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | .7 | 90.3 | 93.6 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | .7 | 90.3 | 93.6 | 96.1 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 600 | .7 | 90.3 | 93.6 | 96.1 | 96.8 | 97.4 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | .7 | 90.3 | 94.2 | 96.8 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | .7 | 90.3 | 94.2 | 96.8 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | .7 | 90.3 | 94.2 | 96.8 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | .7 | 90.3 | 94.2 | 96.8 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | .7 | 90.3 | 94.2 | 96.8 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | .7 | 90.3 | 94.2 | 96.8 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

15 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 60.7 | 61.3 | 61.9 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 20000 | | 68.4 | 69.0 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 18000 | | 68.4 | 69.0 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 16000 | | 68.4 | 69.0 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 14000 | | 68.4 | 69.0 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 12000 | | 68.4 | 69.0 | 70.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 10000 | | 73.6 | 74.8 | 76.1 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 9000 | | 74.2 | 75.5 | 76.8 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 8000 | | 78.1 | 79.4 | 80.7 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 7000 | | 78.1 | 79.4 | 80.7 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 6000 | | 78.1 | 79.4 | 80.7 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 5000 | | 78.1 | 79.4 | 80.7 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 4500 | | 78.1 | 79.4 | 80.7 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 4000 | | 78.1 | 79.4 | 80.7 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 3500 | | 80.0 | 81.3 | 82.6 | 84.5 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 3000 | | 82.6 | 83.9 | 85.2 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 2500 | | 84.5 | 86.5 | 87.7 | 89.7 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 2000 | | 87.7 | 90.3 | 91.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1800 | | 87.7 | 90.3 | 91.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1500 | | 89.0 | 91.6 | 92.9 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1200 | | 89.0 | 91.6 | 92.9 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | | 89.7 | 92.3 | 94.2 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 900 | | 89.7 | 92.3 | 94.2 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 800 | | 89.7 | 92.3 | 94.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | | 89.7 | 92.3 | 94.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | | 89.7 | 92.3 | 94.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | | 89.7 | 92.3 | 94.8 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 89.7 | 92.3 | 94.8 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 89.7 | 92.3 | 94.8 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 89.7 | 92.3 | 94.8 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 89.7 | 92.3 | 94.8 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 89.7 | 92.3 | 94.8 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) OCT (MONTH)

18 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 61.9 | 63.2 | 63.9 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 20000 | | 71.0 | 72.9 | 74.2 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 18000 | | 71.0 | 72.9 | 74.2 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 16000 | | 71.0 | 72.9 | 74.2 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 14000 | | 71.0 | 72.9 | 74.2 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 12000 | | 71.0 | 72.9 | 74.2 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 10000 | | 76.1 | 78.1 | 79.4 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 9000 | | 76.8 | 78.7 | 80.0 | 81.3 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 8000 | | 81.9 | 83.9 | 85.2 | 86.5 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 7000 | | 81.9 | 83.9 | 85.2 | 86.5 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 6000 | | 81.9 | 83.9 | 85.2 | 86.5 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 5000 | | 81.9 | 83.9 | 85.2 | 86.5 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 4500 | | 83.2 | 85.2 | 86.5 | 87.7 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 4000 | | 83.9 | 85.8 | 87.1 | 88.4 | 89.0 | 89.0 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 3500 | | 84.5 | 86.5 | 87.7 | 89.0 | 89.7 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 3000 | | 85.2 | 87.1 | 89.0 | 90.3 | 91.0 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 2500 | | 86.5 | 88.4 | 90.3 | 91.6 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 2000 | | 87.7 | 89.7 | 91.6 | 93.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1800 | | 87.7 | 89.7 | 91.6 | 93.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1500 | | 88.4 | 90.3 | 92.3 | 94.8 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1200 | | 88.4 | 91.0 | 93.6 | 96.1 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | | 88.4 | 91.0 | 93.6 | 96.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | | 88.4 | 91.0 | 93.6 | 96.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | | 88.4 | 91.0 | 94.2 | 97.4 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | | 88.4 | 91.0 | 94.2 | 97.4 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | | 88.4 | 91.0 | 94.2 | 97.4 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 88.4 | 91.0 | 94.2 | 97.4 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 88.4 | 91.0 | 94.2 | 97.4 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 88.4 | 91.0 | 94.2 | 97.4 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 88.4 | 91.0 | 94.2 | 97.4 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 88.4 | 91.0 | 94.2 | 97.4 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | | 88.4 | 91.0 | 94.2 | 97.4 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H 2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH) | 21 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 64.5 | 68.4 | 68.4 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 20000 | | 70.3 | 74.8 | 74.8 | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 18000 | | 70.3 | 74.8 | 74.8 | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 16000 | | 70.3 | 74.8 | 74.8 | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 14000 | | 70.3 | 74.8 | 74.8 | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 12000 | | 71.0 | 75.5 | 75.5 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 10000 | | 74.2 | 80.0 | 80.0 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 9000 | | 74.2 | 80.0 | 80.0 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 8000 | | 78.7 | 84.5 | 84.5 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 7000 | | 78.7 | 84.5 | 84.5 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 6000 | | 78.7 | 84.5 | 84.5 | 86.5 | 86.5 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 5000 | | 78.7 | 84.5 | 84.5 | 86.5 | 86.5 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 4500 | | 79.4 | 85.2 | 85.2 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | | 79.4 | 85.2 | 85.2 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 3500 | | 79.4 | 85.2 | 85.2 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 3000 | | 80.0 | 87.1 | 87.1 | 89.0 | 89.0 | 89.7 | 89.7 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 2500 | | 81.9 | 89.0 | 89.0 | 91.0 | 91.0 | 91.6 | 91.6 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 2000 | | 83.9 | 91.6 | 91.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1800 | | 83.9 | 91.6 | 91.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1500 | | 83.9 | 91.6 | 91.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1200 | | 85.2 | 92.9 | 92.9 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | | 86.5 | 94.2 | 94.2 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | | 86.5 | 94.2 | 94.2 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | | 86.5 | 94.2 | 94.2 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | | 86.5 | 94.2 | 94.2 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | | 86.5 | 94.2 | 94.2 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | | 86.5 | 94.2 | 94.2 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | | 87.1 | 94.8 | 94.8 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 87.1 | 94.8 | 94.8 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 87.1 | 94.8 | 94.8 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 87.1 | 94.8 | 94.8 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 87.1 | 94.8 | 94.8 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | .1 | 53.9 | 57.2 | 58.6 | 60.8 | 61.6 | 63.1 | 63.6 | 63.6 | 64.4 | 64.8 | 64.8 | 65.3 | 65.3 | 65.4 | 65.7 |
| ≥ 20000 | .1 | 60.2 | 64.0 | 65.7 | 67.9 | 68.7 | 70.2 | 70.7 | 70.7 | 71.8 | 72.2 | 72.2 | 72.7 | 72.7 | 72.8 | 73.2 |
| < 20000 ≥ 18000 | .1 | 60.2 | 64.0 | 65.7 | 67.9 | 68.7 | 70.2 | 70.7 | 70.7 | 71.8 | 72.2 | 72.2 | 72.7 | 72.7 | 72.8 | 73.2 |
| < 18000 ≥ 16000 | .1 | 60.2 | 64.0 | 65.7 | 67.9 | 68.7 | 70.2 | 70.7 | 70.7 | 71.8 | 72.2 | 72.2 | 72.7 | 72.7 | 72.8 | 73.2 |
| < 16000 ≥ 14000 | .1 | 60.2 | 64.0 | 65.7 | 67.9 | 68.7 | 70.2 | 70.7 | 70.7 | 71.8 | 72.2 | 72.2 | 72.7 | 72.7 | 72.8 | 73.2 |
| < 14000 ≥ 12000 | .1 | 60.8 | 64.6 | 66.4 | 68.6 | 69.4 | 70.9 | 71.4 | 71.4 | 72.4 | 72.8 | 72.8 | 73.3 | 73.3 | 73.6 | 73.9 |
| < 12000 ≥ 10000 | .1 | 63.6 | 68.3 | 70.2 | 72.3 | 73.2 | 74.8 | 75.3 | 75.3 | 76.5 | 76.9 | 76.9 | 77.5 | 77.5 | 77.9 | 78.2 |
| < 10000 ≥ 9000 | .1 | 64.0 | 68.7 | 70.7 | 72.9 | 73.8 | 75.3 | 75.9 | 75.9 | 77.0 | 77.4 | 77.4 | 78.1 | 78.1 | 78.5 | 78.8 |
| < 9000 ≥ 8000 | .1 | 68.0 | 72.9 | 74.8 | 77.3 | 78.2 | 79.8 | 80.4 | 80.4 | 81.7 | 82.1 | 82.1 | 82.8 | 82.8 | 83.2 | 83.6 |
| < 8000 ≥ 7000 | .1 | 68.0 | 73.0 | 75.0 | 77.6 | 78.5 | 80.1 | 80.7 | 80.7 | 82.0 | 82.4 | 82.4 | 83.2 | 83.2 | 83.6 | 83.9 |
| < 7000 ≥ 6000 | .1 | 68.0 | 73.0 | 75.0 | 77.7 | 78.6 | 80.2 | 80.8 | 80.8 | 82.1 | 82.5 | 82.5 | 83.2 | 83.2 | 83.6 | 84.0 |
| < 6000 ≥ 5000 | .1 | 68.2 | 73.2 | 75.2 | 77.9 | 78.8 | 80.5 | 81.1 | 81.1 | 82.4 | 82.8 | 82.8 | 83.6 | 83.6 | 84.0 | 84.3 |
| < 5000 ≥ 4500 | .1 | 68.5 | 73.6 | 75.6 | 78.3 | 79.2 | 80.9 | 81.5 | 81.5 | 82.8 | 83.2 | 83.2 | 84.0 | 84.0 | 84.4 | 84.7 |
| < 4500 ≥ 4000 | .1 | 68.9 | 74.1 | 76.2 | 79.0 | 79.9 | 81.6 | 82.3 | 82.3 | 83.6 | 84.0 | 84.0 | 84.7 | 84.7 | 85.1 | 85.4 |
| < 4000 ≥ 3500 | .1 | 69.4 | 74.7 | 76.9 | 79.6 | 80.6 | 82.3 | 82.9 | 82.9 | 84.2 | 84.6 | 84.6 | 85.3 | 85.3 | 85.7 | 86.1 |
| < 3500 ≥ 3000 | .1 | 70.7 | 76.1 | 78.5 | 81.2 | 82.2 | 84.0 | 84.6 | 84.6 | 85.9 | 86.3 | 86.3 | 87.0 | 87.0 | 87.4 | 87.7 |
| < 3000 ≥ 2500 | .1 | 72.0 | 77.6 | 79.9 | 82.7 | 83.6 | 85.4 | 86.1 | 86.1 | 87.3 | 87.7 | 87.7 | 88.5 | 88.5 | 88.9 | 89.2 |
| < 2500 ≥ 2000 | .1 | 74.0 | 80.0 | 82.5 | 85.7 | 86.6 | 88.5 | 89.1 | 89.1 | 90.4 | 90.8 | 90.8 | 91.5 | 91.5 | 91.9 | 92.3 |
| < 2000 ≥ 1800 | .1 | 74.2 | 80.2 | 82.7 | 85.8 | 86.8 | 88.6 | 89.3 | 89.3 | 90.6 | 91.0 | 91.0 | 91.7 | 91.7 | 92.1 | 92.4 |
| < 1800 ≥ 1500 | .1 | 75.4 | 81.5 | 84.0 | 87.5 | 88.5 | 90.3 | 91.0 | 91.0 | 92.3 | 92.7 | 92.7 | 93.4 | 93.4 | 93.8 | 94.1 |
| < 1500 ≥ 1200 | .1 | 75.9 | 82.2 | 84.8 | 88.5 | 89.4 | 91.3 | 91.9 | 91.9 | 93.3 | 93.7 | 93.7 | 94.4 | 94.4 | 94.8 | 95.2 |
| < 1200 ≥ 1000 | .1 | 76.7 | 83.2 | 86.1 | 89.8 | 90.9 | 92.7 | 93.4 | 93.4 | 94.8 | 95.3 | 95.3 | 96.1 | 96.1 | 96.5 | 96.8 |
| < 1000 ≥ 900 | .1 | 76.7 | 83.2 | 86.1 | 90.0 | 91.1 | 93.0 | 93.6 | 93.6 | 95.1 | 95.6 | 95.6 | 96.3 | 96.3 | 96.7 | 97.0 |
| < 900 ≥ 800 | .1 | 76.8 | 83.5 | 86.6 | 90.7 | 91.8 | 93.8 | 94.4 | 94.4 | 95.9 | 96.4 | 96.4 | 97.2 | 97.2 | 97.6 | 97.9 |
| < 800 ≥ 700 | .1 | 76.9 | 83.6 | 86.9 | 91.0 | 92.0 | 94.0 | 94.8 | 94.8 | 96.2 | 96.7 | 96.7 | 97.5 | 97.5 | 97.9 | 98.2 |
| < 700 ≥ 600 | .1 | 76.9 | 83.7 | 87.0 | 91.3 | 92.4 | 94.4 | 95.2 | 95.2 | 96.6 | 97.1 | 97.1 | 98.1 | 98.1 | 98.5 | 98.8 |
| < 600 ≥ 500 | .1 | 76.9 | 83.8 | 87.1 | 91.5 | 92.7 | 94.8 | 95.6 | 95.6 | 97.1 | 97.6 | 97.6 | 98.6 | 98.6 | 99.0 | 99.3 |
| < 500 ≥ 400 | .1 | 76.9 | 83.9 | 87.2 | 91.5 | 92.7 | 94.9 | 95.7 | 95.7 | 97.3 | 97.9 | 97.9 | 98.9 | 98.9 | 99.3 | 99.6 |
| < 400 ≥ 300 | .1 | 76.9 | 83.9 | 87.2 | 91.5 | 92.7 | 94.9 | 95.7 | 95.7 | 97.5 | 98.1 | 98.1 | 99.0 | 99.0 | 99.4 | 99.8 |
| < 300 ≥ 200 | .1 | 76.9 | 83.9 | 87.2 | 91.5 | 92.7 | 94.9 | 95.7 | 95.7 | 97.5 | 98.1 | 98.1 | 99.0 | 99.0 | 99.4 | 99.8 |
| < 200 ≥ 100 | .1 | 76.9 | 83.9 | 87.2 | 91.5 | 92.7 | 94.9 | 95.7 | 95.7 | 97.5 | 98.1 | 98.1 | 99.0 | 99.0 | 99.4 | 99.8 |
| < 100 ≥ 0 | .1 | 76.9 | 83.9 | 87.2 | 91.5 | 92.7 | 94.9 | 95.7 | 95.7 | 97.5 | 98.1 | 98.1 | 99.0 | 99.0 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) NOV (MONTH) 00 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 49.3 | 52.0 | 52.7 | 55.3 | 55.3 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 20000 | | 51.3 | 54.0 | 55.3 | 58.7 | 58.7 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 18000 | | 51.3 | 54.0 | 55.3 | 58.7 | 58.7 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 16000 | | 51.3 | 54.0 | 55.3 | 58.7 | 58.7 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 14000 | | 51.3 | 54.0 | 55.3 | 58.7 | 58.7 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 12000 | | 52.0 | 54.7 | 56.0 | 59.3 | 59.3 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 10000 | | 53.3 | 56.0 | 57.3 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 9000 | | 54.0 | 56.7 | 58.0 | 61.3 | 61.3 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 8000 | | 58.7 | 61.3 | 62.7 | 67.3 | 67.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 7000 | | 60.0 | 62.7 | 64.0 | 68.7 | 68.7 | 69.3 | 69.3 | 70.0 | 70.0 | 70.0 | 70.0 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 6000 | | 61.3 | 64.0 | 65.3 | 70.0 | 70.0 | 70.7 | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 5000 | | 63.3 | 66.0 | 67.3 | 72.0 | 72.0 | 72.7 | 72.7 | 73.3 | 73.3 | 73.3 | 73.3 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 4500 | | 64.0 | 66.7 | 68.0 | 72.7 | 72.7 | 73.3 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 4000 | | 64.0 | 66.7 | 68.0 | 72.7 | 72.7 | 73.3 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 3500 | | 64.7 | 67.3 | 68.7 | 74.0 | 74.0 | 74.7 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 3000 | | 65.3 | 68.0 | 69.3 | 74.7 | 74.7 | 75.3 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 2500 | | 66.7 | 69.3 | 70.7 | 76.0 | 76.0 | 76.7 | 76.7 | 77.3 | 77.3 | 77.3 | 77.3 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 2000 | | 68.7 | 71.3 | 73.3 | 78.7 | 78.7 | 79.3 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 1800 | | 68.7 | 71.3 | 73.3 | 78.7 | 78.7 | 79.3 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 1500 | | 69.3 | 72.0 | 74.0 | 79.3 | 79.3 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 1200 | | 70.0 | 72.7 | 74.7 | 80.0 | 80.0 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 1000 | | 70.0 | 73.3 | 76.0 | 81.3 | 81.3 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 900 | | 70.0 | 73.3 | 76.0 | 81.3 | 81.3 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 800 | | 70.7 | 74.7 | 78.0 | 83.3 | 84.0 | 86.0 | 86.0 | 86.7 | 86.7 | 86.7 | 86.7 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 700 | | 72.0 | 76.0 | 79.3 | 84.7 | 85.3 | 87.3 | 87.3 | 88.0 | 88.0 | 88.0 | 88.0 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 600 | | 72.7 | 77.3 | 80.7 | 86.0 | 86.7 | 88.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 500 | | 72.7 | 78.0 | 82.0 | 88.0 | 88.7 | 90.7 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 400 | | 73.3 | 79.3 | 83.3 | 89.3 | 90.0 | 92.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 300 | | 73.3 | 79.3 | 83.3 | 90.0 | 90.7 | 92.7 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 200 | | 73.3 | 79.3 | 83.3 | 90.7 | 91.3 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 100 | | 73.3 | 79.3 | 83.3 | 90.7 | 91.3 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 98.0 | 98.0 | 98.0 | 98.0 |
| 0 | | 73.3 | 79.3 | 83.3 | 90.7 | 91.3 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 98.0 | 98.0 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) NOV (MONTH) 03 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 46.7 | 48.7 | 48.7 | 48.7 | 48.7 | 50.7 | 50.7 | 50.7 | 51.3 | 51.3 | 51.3 | 52.7 | 53.3 | 53.3 | 54.7 |
| ≥ 20000 | | 48.0 | 50.0 | 50.0 | 50.0 | 50.0 | 52.0 | 52.0 | 52.0 | 52.7 | 52.7 | 52.7 | 54.0 | 54.7 | 54.7 | 56.0 |
| IV IV 18000 | | 48.0 | 50.0 | 50.0 | 50.0 | 50.0 | 52.0 | 52.0 | 52.0 | 52.7 | 52.7 | 52.7 | 54.0 | 54.7 | 54.7 | 56.0 |
| IV IV 16000 | | 48.0 | 50.0 | 50.0 | 50.0 | 50.0 | 52.0 | 52.0 | 52.0 | 52.7 | 52.7 | 52.7 | 54.0 | 54.7 | 54.7 | 56.0 |
| IV IV 14000 | | 48.0 | 50.0 | 50.0 | 50.0 | 50.0 | 52.0 | 52.0 | 52.0 | 52.7 | 52.7 | 52.7 | 54.0 | 54.7 | 54.7 | 56.0 |
| IV IV 12000 | | 48.7 | 50.7 | 50.7 | 50.7 | 50.7 | 52.7 | 52.7 | 52.7 | 53.3 | 53.3 | 53.3 | 54.7 | 55.3 | 55.3 | 56.7 |
| IV IV 10000 | | 52.0 | 54.0 | 54.0 | 54.0 | 54.0 | 56.0 | 56.0 | 56.0 | 56.7 | 56.7 | 56.7 | 58.0 | 58.7 | 58.7 | 60.0 |
| IV IV 9000 | | 52.0 | 54.0 | 54.0 | 54.0 | 54.0 | 56.0 | 56.0 | 56.0 | 56.7 | 56.7 | 56.7 | 58.0 | 58.7 | 58.7 | 60.0 |
| IV IV 8000 | | 54.7 | 58.0 | 58.7 | 58.7 | 58.7 | 60.7 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 62.7 | 63.3 | 63.3 | 64.7 |
| IV IV 7000 | | 55.3 | 58.7 | 59.3 | 59.3 | 60.0 | 62.0 | 62.0 | 62.0 | 62.7 | 62.7 | 62.7 | 64.0 | 64.7 | 64.7 | 66.0 |
| IV IV 6000 | | 56.0 | 59.3 | 60.0 | 60.0 | 60.7 | 62.7 | 62.7 | 62.7 | 63.3 | 63.3 | 63.3 | 64.7 | 65.3 | 65.3 | 66.7 |
| IV IV 5000 | | 58.7 | 62.7 | 63.3 | 63.3 | 64.0 | 66.0 | 66.0 | 66.0 | 66.7 | 66.7 | 66.7 | 68.7 | 69.3 | 69.3 | 70.7 |
| IV IV 4500 | | 58.7 | 62.7 | 63.3 | 63.3 | 64.0 | 66.0 | 66.0 | 66.0 | 66.7 | 66.7 | 66.7 | 68.7 | 69.3 | 69.3 | 70.7 |
| IV IV 4000 | | 58.7 | 62.7 | 63.3 | 63.3 | 64.0 | 66.0 | 66.0 | 66.0 | 66.7 | 66.7 | 66.7 | 69.3 | 70.0 | 70.0 | 71.3 |
| IV IV 3500 | | 58.7 | 62.7 | 63.3 | 63.3 | 64.0 | 66.0 | 66.0 | 66.0 | 66.7 | 66.7 | 66.7 | 69.3 | 70.0 | 70.0 | 71.3 |
| IV IV 3000 | | 61.3 | 66.0 | 66.7 | 66.7 | 67.3 | 69.3 | 69.3 | 69.3 | 70.0 | 70.0 | 70.0 | 72.7 | 73.3 | 73.3 | 74.7 |
| IV IV 2500 | | 62.0 | 67.3 | 68.0 | 68.7 | 69.3 | 71.3 | 71.3 | 71.3 | 72.0 | 72.0 | 72.0 | 74.7 | 75.3 | 75.3 | 76.7 |
| IV IV 2000 | | 64.7 | 70.7 | 71.3 | 72.7 | 73.3 | 75.3 | 75.3 | 75.3 | 76.0 | 76.0 | 76.0 | 78.7 | 79.3 | 79.3 | 80.7 |
| IV IV 1800 | | 64.7 | 70.7 | 71.3 | 72.7 | 73.3 | 75.3 | 75.3 | 75.3 | 76.0 | 76.0 | 76.0 | 78.7 | 79.3 | 79.3 | 80.7 |
| IV IV 1500 | | 66.7 | 72.7 | 73.3 | 74.7 | 75.3 | 77.3 | 77.3 | 77.3 | 78.0 | 78.0 | 78.0 | 80.7 | 81.3 | 81.3 | 82.7 |
| IV IV 1200 | | 67.3 | 73.3 | 74.0 | 75.3 | 76.0 | 78.0 | 78.0 | 78.0 | 78.7 | 78.7 | 78.7 | 81.3 | 82.0 | 82.0 | 83.3 |
| IV IV 1000 | | 70.7 | 76.7 | 78.0 | 79.3 | 80.7 | 82.7 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 86.7 | 87.3 | 87.3 | 88.7 |
| IV IV 900 | | 72.0 | 78.0 | 79.3 | 80.7 | 82.0 | 84.0 | 84.0 | 84.0 | 84.7 | 84.7 | 84.7 | 88.0 | 88.7 | 88.7 | 90.0 |
| IV IV 800 | | 72.7 | 78.7 | 80.0 | 81.3 | 82.7 | 84.7 | 84.7 | 84.7 | 85.3 | 85.3 | 85.3 | 88.7 | 89.3 | 89.3 | 90.7 |
| IV IV 700 | | 72.7 | 78.7 | 80.0 | 81.3 | 82.7 | 84.7 | 84.7 | 84.7 | 85.3 | 85.3 | 85.3 | 88.7 | 89.3 | 89.3 | 90.7 |
| IV IV 600 | | 72.7 | 79.3 | 80.7 | 82.7 | 84.0 | 86.7 | 86.7 | 86.7 | 87.3 | 87.3 | 87.3 | 90.7 | 91.3 | 91.3 | 92.7 |
| IV IV 500 | | 72.7 | 80.0 | 81.3 | 84.7 | 86.0 | 88.7 | 88.7 | 88.7 | 89.3 | 89.3 | 89.3 | 92.7 | 93.3 | 93.3 | 94.7 |
| IV IV 400 | | 72.7 | 80.0 | 81.3 | 84.7 | 86.0 | 88.7 | 88.7 | 88.7 | 90.0 | 90.0 | 90.0 | 93.3 | 94.0 | 94.0 | 96.0 |
| IV IV 300 | | 72.7 | 80.0 | 81.3 | 84.7 | 86.0 | 88.7 | 88.7 | 88.7 | 90.0 | 90.0 | 90.0 | 93.3 | 94.0 | 94.0 | 96.0 |
| IV IV 200 | | 72.7 | 80.0 | 81.3 | 84.7 | 86.0 | 88.7 | 88.7 | 88.7 | 90.0 | 90.0 | 90.0 | 93.3 | 94.0 | 94.0 | 96.7 |
| IV IV 100 | | 72.7 | 80.0 | 81.3 | 84.7 | 86.0 | 88.7 | 88.7 | 88.7 | 90.0 | 90.0 | 90.0 | 93.3 | 94.0 | 94.7 | 98.0 |
| IV IV 0 | | 72.7 | 80.0 | 81.3 | 84.7 | 86.0 | 88.7 | 88.7 | 88.7 | 90.0 | 90.0 | 90.0 | 93.3 | 94.0 | 94.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H 2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 37.3 | 39.3 | 40.0 | 42.7 | 42.7 | 43.3 | 43.3 | 43.3 | 44.0 | 45.3 | 45.3 | 47.3 | 47.3 | 50.0 | 52.7 |
| ≥ 20000 | | 40.0 | 42.0 | 42.7 | 45.3 | 45.3 | 46.0 | 46.0 | 46.0 | 46.7 | 48.0 | 48.0 | 50.0 | 50.0 | 52.7 | 55.3 |
| ≥ 18000 | | 40.0 | 42.0 | 42.7 | 45.3 | 45.3 | 46.0 | 46.0 | 46.0 | 46.7 | 48.0 | 48.0 | 50.0 | 50.0 | 52.7 | 55.3 |
| ≥ 16000 | | 40.0 | 42.0 | 42.7 | 45.3 | 45.3 | 46.0 | 46.0 | 46.0 | 46.7 | 48.0 | 48.0 | 50.0 | 50.0 | 52.7 | 55.3 |
| ≥ 14000 | | 40.0 | 42.0 | 42.7 | 45.3 | 45.3 | 46.0 | 46.0 | 46.0 | 46.7 | 48.0 | 48.0 | 50.0 | 50.0 | 52.7 | 55.3 |
| ≥ 12000 | | 40.7 | 42.7 | 43.3 | 46.0 | 46.0 | 46.7 | 46.7 | 46.7 | 47.3 | 48.7 | 48.7 | 50.7 | 50.7 | 53.3 | 56.0 |
| ≥ 10000 | | 44.7 | 46.7 | 47.3 | 50.0 | 50.0 | 50.7 | 50.7 | 50.7 | 51.3 | 52.7 | 52.7 | 54.7 | 54.7 | 57.3 | 60.0 |
| ≥ 9000 | | 44.7 | 46.7 | 47.3 | 50.0 | 50.0 | 50.7 | 50.7 | 50.7 | 51.3 | 52.7 | 52.7 | 54.7 | 54.7 | 57.3 | 60.0 |
| ≥ 8000 | | 50.0 | 52.0 | 52.7 | 55.3 | 55.3 | 56.0 | 56.0 | 56.0 | 56.7 | 58.0 | 58.0 | 60.0 | 60.0 | 62.7 | 65.3 |
| ≥ 7000 | | 52.0 | 54.7 | 55.3 | 58.0 | 58.0 | 58.7 | 58.7 | 58.7 | 59.3 | 60.7 | 60.7 | 62.7 | 62.7 | 65.3 | 68.0 |
| ≥ 6000 | | 52.0 | 54.7 | 56.0 | 58.7 | 58.7 | 59.3 | 59.3 | 59.3 | 60.0 | 61.3 | 61.3 | 63.3 | 63.3 | 66.0 | 68.7 |
| ≥ 5000 | | 52.7 | 55.3 | 56.7 | 59.3 | 59.3 | 60.0 | 60.0 | 60.0 | 61.3 | 62.7 | 62.7 | 64.7 | 64.7 | 67.3 | 70.0 |
| ≥ 4500 | | 52.7 | 55.3 | 56.7 | 59.3 | 59.3 | 60.0 | 60.0 | 60.0 | 61.3 | 62.7 | 62.7 | 64.7 | 64.7 | 67.3 | 70.0 |
| ≥ 4000 | | 53.3 | 56.0 | 57.3 | 60.0 | 60.0 | 60.7 | 60.7 | 60.7 | 62.0 | 63.3 | 63.3 | 65.3 | 65.3 | 68.0 | 70.7 |
| ≥ 3500 | | 54.0 | 56.7 | 58.0 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 62.7 | 64.0 | 64.0 | 66.0 | 66.0 | 68.7 | 71.3 |
| ≥ 3000 | | 54.7 | 57.3 | 58.7 | 61.3 | 61.3 | 62.0 | 62.0 | 62.0 | 63.3 | 64.7 | 64.7 | 66.7 | 66.7 | 69.3 | 72.0 |
| ≥ 2500 | | 56.0 | 58.7 | 60.0 | 62.7 | 62.7 | 63.3 | 63.3 | 63.3 | 65.3 | 66.7 | 66.7 | 68.7 | 68.7 | 71.3 | 74.0 |
| ≥ 2000 | | 58.0 | 60.7 | 62.0 | 64.7 | 64.7 | 65.3 | 65.3 | 65.3 | 67.3 | 68.7 | 68.7 | 70.7 | 70.7 | 73.3 | 76.0 |
| ≥ 1800 | | 58.0 | 60.7 | 62.0 | 64.7 | 64.7 | 65.3 | 65.3 | 65.3 | 67.3 | 68.7 | 68.7 | 70.7 | 70.7 | 73.3 | 76.0 |
| ≥ 1500 | | 60.7 | 63.3 | 65.3 | 68.7 | 68.7 | 70.7 | 70.7 | 70.7 | 72.7 | 74.0 | 74.0 | 76.0 | 76.0 | 78.7 | 81.3 |
| ≥ 1200 | | 62.0 | 64.7 | 66.7 | 70.7 | 70.7 | 72.7 | 72.7 | 72.7 | 74.7 | 76.0 | 76.0 | 78.0 | 78.0 | 80.7 | 83.3 |
| ≥ 1000 | | 63.3 | 66.0 | 68.0 | 72.0 | 72.0 | 74.0 | 74.0 | 74.0 | 76.0 | 77.3 | 77.3 | 80.0 | 80.0 | 82.7 | 85.3 |
| ≥ 900 | | 64.0 | 66.7 | 68.7 | 72.7 | 72.7 | 75.3 | 75.3 | 75.3 | 77.3 | 78.7 | 78.7 | 81.3 | 81.3 | 84.0 | 86.7 |
| ≥ 800 | | 64.7 | 67.3 | 69.3 | 73.3 | 73.3 | 76.0 | 76.0 | 76.0 | 78.0 | 79.3 | 79.3 | 82.0 | 82.0 | 84.7 | 87.3 |
| ≥ 700 | | 64.7 | 68.0 | 70.7 | 74.7 | 74.7 | 77.3 | 77.3 | 77.3 | 79.3 | 80.7 | 80.7 | 83.3 | 83.3 | 86.0 | 88.7 |
| ≥ 600 | | 65.3 | 69.3 | 72.0 | 76.0 | 76.0 | 78.7 | 78.7 | 78.7 | 80.7 | 82.0 | 82.0 | 84.7 | 84.7 | 87.3 | 90.0 |
| ≥ 500 | | 66.0 | 70.0 | 72.7 | 78.7 | 78.7 | 81.3 | 81.3 | 81.3 | 83.3 | 84.7 | 84.7 | 87.3 | 87.3 | 90.0 | 92.7 |
| ≥ 400 | | 66.0 | 70.0 | 72.7 | 78.7 | 78.7 | 81.3 | 82.0 | 82.0 | 85.3 | 86.7 | 86.7 | 89.3 | 89.3 | 92.0 | 94.7 |
| ≥ 300 | | 66.0 | 70.0 | 72.7 | 79.3 | 79.3 | 82.0 | 82.7 | 82.7 | 86.0 | 87.3 | 87.3 | 90.7 | 90.7 | 93.3 | 96.0 |
| ≥ 200 | | 66.0 | 70.0 | 72.7 | 80.0 | 80.7 | 83.3 | 84.0 | 84.0 | 87.3 | 88.7 | 88.7 | 92.0 | 92.0 | 94.7 | 97.3 |
| ≥ 100 | | 66.0 | 70.0 | 72.7 | 80.0 | 80.7 | 83.3 | 84.0 | 84.0 | 87.3 | 88.7 | 88.7 | 92.0 | 92.0 | 94.7 | 97.3 |
| 0 | | 66.0 | 70.0 | 72.7 | 80.0 | 80.7 | 83.3 | 84.0 | 84.0 | 87.3 | 88.7 | 88.7 | 92.0 | 92.0 | 94.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

09 (HOURS (L S T.))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 44.0 | 44.7 | 44.7 | 46.0 | 46.0 | 46.0 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 |
| ≥ 20000 | | 48.7 | 50.0 | 50.0 | 51.3 | 51.3 | 51.3 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 18000 | | 48.7 | 50.0 | 50.0 | 51.3 | 51.3 | 51.3 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 16000 | | 48.7 | 50.0 | 50.0 | 51.3 | 51.3 | 51.3 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 14000 | | 48.7 | 50.0 | 50.0 | 51.3 | 51.3 | 51.3 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 12000 | | 50.0 | 51.3 | 51.3 | 52.7 | 52.7 | 52.7 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 10000 | | 54.0 | 55.3 | 56.0 | 58.0 | 58.0 | 58.0 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 9000 | | 55.3 | 56.7 | 57.3 | 59.3 | 59.3 | 59.3 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 8000 | | 60.0 | 61.3 | 62.0 | 64.7 | 65.3 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 7000 | | 60.7 | 62.0 | 62.7 | 65.3 | 66.0 | 66.0 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 6000 | | 62.7 | 64.7 | 66.0 | 68.7 | 69.3 | 69.3 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 5000 | | 63.3 | 65.3 | 66.7 | 69.3 | 70.0 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 4500 | | 63.3 | 65.3 | 66.7 | 69.3 | 70.0 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 4000 | | 64.0 | 66.0 | 67.3 | 70.0 | 70.7 | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 3500 | | 64.7 | 66.7 | 68.0 | 70.7 | 71.3 | 71.3 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 3000 | | 65.3 | 67.3 | 68.7 | 72.0 | 72.7 | 72.7 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 2500 | | 66.0 | 68.0 | 69.3 | 72.7 | 73.3 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 2000 | | 67.3 | 69.3 | 70.7 | 74.7 | 75.3 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 1800 | | 68.0 | 70.0 | 72.0 | 76.0 | 76.7 | 76.7 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 1500 | | 70.7 | 73.3 | 75.3 | 80.0 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1200 | | 73.3 | 76.7 | 78.7 | 84.0 | 84.7 | 84.7 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1000 | | 74.0 | 77.3 | 80.7 | 86.0 | 86.7 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 900 | | 74.0 | 77.3 | 80.7 | 86.0 | 86.7 | 86.7 | 87.3 | 87.3 | 88.0 | 88.0 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 800 | | 74.7 | 78.0 | 81.3 | 86.7 | 87.3 | 87.3 | 88.0 | 88.0 | 88.7 | 88.7 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 700 | | 75.3 | 78.7 | 82.0 | 88.0 | 88.7 | 88.7 | 89.3 | 89.3 | 90.0 | 90.0 | 90.0 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 600 | | 76.0 | 79.3 | 82.7 | 88.7 | 89.3 | 89.3 | 90.0 | 90.0 | 90.7 | 90.7 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 500 | | 76.0 | 80.7 | 84.0 | 90.0 | 90.7 | 90.7 | 91.3 | 91.3 | 92.0 | 92.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 400 | | 76.0 | 80.7 | 84.0 | 91.3 | 92.7 | 93.3 | 94.0 | 94.0 | 96.0 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 300 | | 76.0 | 80.7 | 84.0 | 91.3 | 92.7 | 94.0 | 94.7 | 94.7 | 97.3 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | | 76.0 | 80.7 | 84.0 | 91.3 | 92.7 | 94.7 | 95.3 | 95.3 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 100 | | 76.0 | 80.7 | 84.0 | 91.3 | 92.7 | 94.7 | 95.3 | 95.3 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |
| 0 | | 76.0 | 80.7 | 84.0 | 91.3 | 92.7 | 94.7 | 95.3 | 95.3 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

12 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 42.0 | 42.0 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| ≥ 20000 | | 49.3 | 49.3 | 49.3 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 18000 | | 49.3 | 49.3 | 49.3 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 16000 | | 49.3 | 49.3 | 49.3 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 14000 | | 50.0 | 50.0 | 50.0 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| ≥ 12000 | | 51.3 | 52.0 | 52.0 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 10000 | | 55.3 | 56.0 | 56.0 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 9000 | | 56.0 | 56.7 | 56.7 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 8000 | | 58.7 | 59.3 | 59.3 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 7000 | | 60.7 | 61.3 | 61.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| ≥ 6000 | | 61.3 | 62.7 | 62.7 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 5000 | | 61.3 | 62.7 | 62.7 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 4500 | | 62.0 | 63.3 | 63.3 | 66.7 | 66.7 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 4000 | | 64.0 | 65.3 | 65.3 | 68.7 | 68.7 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 3500 | | 65.3 | 67.3 | 67.3 | 70.7 | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 3000 | | 70.0 | 72.0 | 72.7 | 76.0 | 76.0 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 2500 | | 73.3 | 75.3 | 76.0 | 79.3 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 2000 | | 80.7 | 83.3 | 84.7 | 88.0 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 1800 | | 80.7 | 83.3 | 84.7 | 88.0 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 1500 | | 83.3 | 86.0 | 88.0 | 91.3 | 91.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1200 | | 84.7 | 87.3 | 89.3 | 92.7 | 92.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1000 | | 84.7 | 88.0 | 90.0 | 93.3 | 93.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 900 | | 84.7 | 88.0 | 90.0 | 93.3 | 93.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 800 | | 85.3 | 89.3 | 91.3 | 94.7 | 94.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 700 | | 85.3 | 89.3 | 91.3 | 94.7 | 94.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 600 | | 86.0 | 90.7 | 92.7 | 96.0 | 96.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 500 | | 86.7 | 91.3 | 93.3 | 96.7 | 96.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 400 | | 86.7 | 91.3 | 93.3 | 96.7 | 96.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | | 86.7 | 91.3 | 93.3 | 96.7 | 96.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | | 86.7 | 91.3 | 93.3 | 96.7 | 96.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 100 | | 86.7 | 91.3 | 93.3 | 96.7 | 96.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 |
| 0 | | 86.7 | 91.3 | 93.3 | 96.7 | 96.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH) | 15 (HOURS (L.S.T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 42.0 | 42.7 | 42.7 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 |
| ≥ 20000 | | 53.3 | 54.0 | 54.0 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| < 20000 ≥ 18000 | | 53.3 | 54.0 | 54.0 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| < 18000 ≥ 16000 | | 53.3 | 54.0 | 54.0 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| < 16000 ≥ 14000 | | 54.0 | 54.7 | 54.7 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| < 14000 ≥ 12000 | | 57.3 | 58.0 | 58.0 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| < 12000 ≥ 10000 | | 60.0 | 60.7 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| < 10000 ≥ 9000 | | 60.7 | 61.3 | 61.3 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| < 9000 ≥ 8000 | | 64.0 | 65.3 | 65.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| < 8000 ≥ 7000 | | 66.0 | 67.3 | 67.3 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| < 7000 ≥ 6000 | | 66.7 | 68.0 | 68.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| < 6000 ≥ 5000 | | 68.7 | 70.0 | 70.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| < 5000 ≥ 4500 | | 69.3 | 70.7 | 70.7 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| < 4500 ≥ 4000 | | 70.7 | 72.0 | 72.0 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| < 4000 ≥ 3500 | | 72.0 | 73.3 | 73.3 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| < 3500 ≥ 3000 | | 75.3 | 76.7 | 76.7 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| < 3000 ≥ 2500 | | 78.0 | 79.3 | 79.3 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| < 2500 ≥ 2000 | | 82.0 | 83.3 | 83.3 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| < 2000 ≥ 1800 | | 82.0 | 83.3 | 83.3 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| < 1800 ≥ 1500 | | 86.7 | 88.7 | 90.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| < 1500 ≥ 1200 | | 87.3 | 89.3 | 91.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| < 1200 ≥ 1000 | | 87.3 | 89.3 | 91.3 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| < 1000 ≥ 900 | | 88.0 | 90.0 | 92.0 | 94.7 | 94.7 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| < 900 ≥ 800 | | 88.7 | 90.7 | 93.3 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| < 800 ≥ 700 | | 88.7 | 90.7 | 93.3 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| < 700 ≥ 600 | | 88.7 | 90.7 | 93.3 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| < 600 ≥ 500 | | 88.7 | 90.7 | 93.3 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| < 500 ≥ 400 | | 88.7 | 90.7 | 93.3 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 |
| < 400 ≥ 300 | | 88.7 | 90.7 | 93.3 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 300 ≥ 200 | | 88.7 | 90.7 | 93.3 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 200 ≥ 100 | | 88.7 | 90.7 | 93.3 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| < 100 ≥ 0 | | 88.7 | 90.7 | 93.3 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 52.7 | 53.3 | 53.3 | 54.7 | 55.3 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 20000 | | 60.0 | 60.7 | 60.7 | 62.0 | 62.7 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 18000 | | 60.0 | 60.7 | 60.7 | 62.0 | 62.7 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 16000 | | 60.0 | 60.7 | 60.7 | 62.0 | 62.7 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 14000 | | 60.0 | 60.7 | 60.7 | 62.0 | 62.7 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 12000 | | 62.0 | 62.7 | 62.7 | 64.0 | 64.7 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 10000 | | 64.0 | 64.7 | 64.7 | 66.7 | 67.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 9000 | | 64.0 | 64.7 | 64.7 | 66.7 | 67.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 8000 | | 70.0 | 71.3 | 71.3 | 73.3 | 74.0 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 7000 | | 72.0 | 73.3 | 73.3 | 76.0 | 76.7 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 6000 | | 73.3 | 74.7 | 74.7 | 77.3 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 5000 | | 74.0 | 76.0 | 76.0 | 78.7 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 4500 | | 74.7 | 76.7 | 76.7 | 79.3 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 4000 | | 74.7 | 76.7 | 76.7 | 79.3 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 3500 | | 75.3 | 77.3 | 78.0 | 80.7 | 81.3 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 3000 | | 76.7 | 78.7 | 79.3 | 82.0 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 2500 | | 76.7 | 78.7 | 79.3 | 82.0 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 2000 | | 79.3 | 81.3 | 82.7 | 86.0 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1800 | | 79.3 | 81.3 | 82.7 | 86.0 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1500 | | 80.7 | 82.7 | 84.0 | 87.3 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 1200 | | 81.3 | 83.3 | 84.7 | 88.0 | 88.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1000 | | 82.7 | 85.3 | 86.7 | 90.0 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 900 | | 82.7 | 85.3 | 86.7 | 90.0 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 800 | | 82.7 | 85.3 | 86.7 | 91.3 | 92.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 700 | | 83.3 | 86.0 | 87.3 | 92.0 | 92.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 600 | | 83.3 | 86.0 | 88.7 | 93.3 | 94.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 500 | | 84.0 | 87.3 | 90.0 | 94.7 | 95.3 | 96.7 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 400 | | 84.0 | 87.3 | 90.0 | 95.3 | 96.0 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 300 | | 84.7 | 88.0 | 90.7 | 96.7 | 97.3 | 98.7 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 84.7 | 88.0 | 90.7 | 96.7 | 97.3 | 98.7 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 84.7 | 88.0 | 90.7 | 96.7 | 97.3 | 98.7 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 84.7 | 88.0 | 90.7 | 96.7 | 97.3 | 98.7 | 98.7 | 98.7 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 79

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

21 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 54.0 | 55.3 | 55.3 | 56.7 | 57.3 | 58.0 | 58.0 | 58.0 | 58.0 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 20000 | | 58.7 | 60.7 | 60.7 | 62.0 | 62.7 | 63.3 | 64.0 | 64.0 | 64.0 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 18000 | | 58.7 | 60.7 | 60.7 | 62.0 | 62.7 | 63.3 | 64.0 | 64.0 | 64.0 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 16000 | | 58.7 | 60.7 | 60.7 | 62.0 | 62.7 | 63.3 | 64.0 | 64.0 | 64.0 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 14000 | | 58.7 | 60.7 | 60.7 | 62.0 | 62.7 | 63.3 | 64.0 | 64.0 | 64.0 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 12000 | | 58.7 | 60.7 | 60.7 | 62.0 | 62.7 | 63.3 | 64.0 | 64.0 | 64.0 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 10000 | | 62.7 | 64.7 | 65.3 | 66.7 | 67.3 | 68.0 | 68.7 | 68.7 | 68.7 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 9000 | | 63.3 | 65.3 | 66.0 | 67.3 | 68.0 | 68.7 | 69.3 | 69.3 | 69.3 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 8000 | | 68.7 | 70.7 | 71.3 | 72.7 | 73.3 | 74.0 | 74.7 | 74.7 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 7000 | | 69.3 | 72.0 | 72.7 | 74.0 | 74.7 | 75.3 | 76.0 | 76.0 | 76.0 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 6000 | | 70.7 | 73.3 | 74.0 | 75.3 | 76.0 | 76.7 | 77.3 | 77.3 | 77.3 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 5000 | | 74.0 | 76.7 | 77.3 | 78.7 | 79.3 | 80.0 | 80.7 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 4500 | | 74.7 | 77.3 | 78.0 | 79.3 | 80.0 | 80.7 | 81.3 | 81.3 | 81.3 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 4000 | | 75.3 | 78.0 | 78.7 | 80.0 | 80.7 | 81.3 | 82.0 | 82.0 | 82.0 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 3500 | | 76.0 | 78.7 | 79.3 | 80.7 | 81.3 | 82.0 | 82.7 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 3000 | | 76.7 | 79.3 | 80.7 | 82.0 | 82.7 | 83.3 | 84.0 | 84.0 | 84.0 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 2500 | | 77.3 | 80.0 | 81.3 | 82.7 | 83.3 | 84.0 | 84.7 | 84.7 | 84.7 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 2000 | | 78.0 | 80.7 | 82.0 | 83.3 | 84.0 | 84.7 | 85.3 | 85.3 | 85.3 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1800 | | 78.7 | 81.3 | 82.7 | 84.0 | 84.7 | 85.3 | 86.0 | 86.0 | 86.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1500 | | 80.7 | 83.3 | 84.7 | 86.0 | 86.7 | 87.3 | 88.0 | 88.0 | 88.0 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 1200 | | 81.3 | 84.7 | 86.0 | 87.3 | 88.0 | 88.7 | 89.3 | 89.3 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 1000 | | 82.0 | 86.0 | 88.0 | 90.0 | 90.7 | 91.3 | 92.0 | 92.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 900 | | 82.0 | 86.0 | 88.0 | 90.0 | 90.7 | 91.3 | 92.0 | 92.0 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 800 | | 82.7 | 86.7 | 88.7 | 90.7 | 91.3 | 92.0 | 92.7 | 92.7 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 700 | | 83.3 | 87.3 | 89.3 | 91.3 | 92.0 | 92.7 | 93.3 | 93.3 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 600 | | 83.3 | 88.0 | 90.0 | 92.7 | 93.3 | 94.0 | 94.7 | 94.7 | 94.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 500 | | 83.3 | 88.0 | 90.0 | 93.3 | 94.0 | 94.7 | 95.3 | 95.3 | 95.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 400 | | 84.0 | 88.7 | 91.3 | 94.7 | 95.3 | 96.7 | 97.3 | 97.3 | 97.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | | 84.0 | 88.7 | 91.3 | 94.7 | 95.3 | 97.3 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | | 84.0 | 88.7 | 91.3 | 94.7 | 95.3 | 97.3 | 98.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 84.0 | 88.7 | 91.3 | 94.7 | 95.3 | 97.3 | 98.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 84.0 | 88.7 | 91.3 | 94.7 | 95.3 | 97.3 | 98.0 | 98.0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 46.0 | 47.3 | 47.4 | 48.8 | 48.9 | 49.5 | 49.6 | 49.6 | 49.8 | 50.0 | 50.0 | 50.8 | 50.9 | 51.3 | 51.8 |
| ≥ 20000 | | 51.2 | 52.6 | 52.8 | 54.3 | 54.4 | 55.0 | 55.2 | 55.2 | 55.3 | 55.6 | 55.6 | 56.4 | 56.5 | 56.8 | 57.3 |
| ≥ 18000 | | 51.2 | 52.6 | 52.8 | 54.3 | 54.4 | 55.0 | 55.2 | 55.2 | 55.3 | 55.6 | 55.6 | 56.4 | 56.5 | 56.8 | 57.3 |
| ≥ 16000 | | 51.2 | 52.6 | 52.8 | 54.3 | 54.4 | 55.0 | 55.2 | 55.2 | 55.3 | 55.6 | 55.6 | 56.4 | 56.5 | 56.8 | 57.3 |
| ≥ 14000 | | 51.3 | 52.8 | 53.0 | 54.4 | 54.6 | 55.2 | 55.3 | 55.3 | 55.5 | 55.8 | 55.8 | 56.6 | 56.7 | 57.0 | 57.5 |
| ≥ 12000 | | 52.6 | 54.1 | 54.3 | 55.8 | 56.0 | 56.6 | 56.8 | 56.8 | 56.9 | 57.2 | 57.2 | 58.0 | 58.1 | 58.4 | 58.9 |
| ≥ 10000 | | 55.8 | 57.3 | 57.7 | 59.3 | 59.5 | 60.1 | 60.3 | 60.3 | 60.4 | 60.7 | 60.7 | 61.5 | 61.6 | 61.9 | 62.4 |
| ≥ 9000 | | 56.3 | 57.8 | 58.2 | 59.8 | 60.0 | 60.6 | 60.8 | 60.8 | 60.9 | 61.2 | 61.2 | 62.0 | 62.1 | 62.4 | 62.9 |
| ≥ 8000 | | 60.6 | 62.4 | 62.9 | 65.1 | 65.3 | 65.9 | 66.1 | 66.1 | 66.3 | 66.5 | 66.5 | 67.3 | 67.4 | 67.8 | 68.3 |
| ≥ 7000 | | 62.0 | 64.0 | 64.5 | 66.8 | 67.1 | 67.7 | 67.8 | 67.9 | 68.1 | 68.3 | 68.3 | 69.2 | 69.3 | 69.6 | 70.1 |
| ≥ 6000 | | 63.0 | 65.2 | 65.8 | 68.2 | 68.5 | 69.1 | 69.3 | 69.3 | 69.5 | 69.8 | 69.8 | 70.6 | 70.7 | 71.0 | 71.5 |
| ≥ 5000 | | 64.5 | 66.8 | 67.5 | 69.9 | 70.3 | 70.8 | 71.0 | 71.1 | 71.3 | 71.6 | 71.6 | 72.6 | 72.7 | 73.0 | 73.5 |
| ≥ 4500 | | 64.9 | 67.3 | 67.9 | 70.4 | 70.8 | 71.4 | 71.6 | 71.7 | 71.9 | 72.2 | 72.2 | 73.2 | 73.3 | 73.6 | 74.1 |
| ≥ 4000 | | 65.6 | 67.9 | 68.6 | 71.1 | 71.4 | 72.1 | 72.3 | 72.3 | 72.6 | 72.8 | 72.8 | 73.9 | 74.0 | 74.3 | 74.8 |
| ≥ 3500 | | 66.3 | 68.8 | 69.5 | 72.1 | 72.4 | 73.1 | 73.3 | 73.3 | 73.7 | 73.9 | 73.9 | 75.0 | 75.1 | 75.4 | 75.9 |
| ≥ 3000 | | 68.2 | 70.7 | 71.6 | 74.3 | 74.6 | 75.3 | 75.4 | 75.5 | 75.8 | 76.1 | 76.1 | 77.2 | 77.3 | 77.6 | 78.1 |
| ≥ 2500 | | 69.5 | 72.1 | 73.0 | 75.8 | 76.1 | 76.8 | 76.9 | 77.0 | 77.4 | 77.7 | 77.7 | 78.8 | 78.8 | 79.2 | 79.7 |
| ≥ 2000 | | 72.3 | 75.1 | 76.3 | 79.3 | 79.6 | 80.3 | 80.4 | 80.5 | 80.9 | 81.2 | 81.2 | 82.3 | 82.3 | 82.7 | 83.2 |
| ≥ 1800 | | 72.5 | 75.3 | 76.5 | 79.5 | 79.8 | 80.5 | 80.7 | 80.8 | 81.2 | 81.4 | 81.4 | 82.5 | 82.6 | 82.9 | 83.4 |
| ≥ 1500 | | 74.8 | 77.8 | 79.3 | 82.5 | 82.8 | 83.8 | 83.9 | 84.0 | 84.4 | 84.7 | 84.7 | 85.8 | 85.8 | 86.2 | 86.7 |
| ≥ 1200 | | 75.9 | 79.0 | 80.7 | 84.0 | 84.3 | 85.3 | 85.4 | 85.5 | 85.9 | 86.2 | 86.2 | 87.3 | 87.3 | 87.7 | 88.2 |
| ≥ 1000 | | 76.8 | 80.3 | 82.3 | 85.8 | 86.2 | 87.3 | 87.4 | 87.5 | 87.9 | 88.2 | 88.2 | 89.4 | 89.5 | 89.8 | 90.3 |
| ≥ 900 | | 77.2 | 80.6 | 82.7 | 86.1 | 86.5 | 87.7 | 87.8 | 87.9 | 88.4 | 88.7 | 88.7 | 89.9 | 90.0 | 90.3 | 90.8 |
| ≥ 800 | | 77.8 | 81.3 | 83.6 | 87.2 | 87.8 | 89.1 | 89.3 | 89.3 | 89.8 | 90.1 | 90.1 | 91.3 | 91.4 | 91.8 | 92.3 |
| ≥ 700 | | 78.2 | 81.8 | 84.2 | 87.8 | 88.4 | 89.8 | 89.9 | 90.0 | 90.5 | 90.8 | 90.8 | 92.0 | 92.1 | 92.4 | 92.9 |
| ≥ 600 | | 78.5 | 82.6 | 85.1 | 88.9 | 89.5 | 90.9 | 91.1 | 91.2 | 91.7 | 92.0 | 92.0 | 93.3 | 93.3 | 93.7 | 94.2 |
| ≥ 500 | | 78.8 | 83.3 | 85.8 | 90.3 | 90.8 | 92.3 | 92.5 | 92.6 | 93.3 | 93.6 | 93.6 | 94.9 | 95.0 | 95.3 | 95.8 |
| ≥ 400 | | 78.9 | 83.5 | 86.2 | 90.8 | 91.5 | 93.2 | 93.4 | 93.5 | 94.6 | 95.0 | 95.0 | 96.3 | 96.4 | 96.8 | 97.3 |
| ≥ 300 | | 79.0 | 83.6 | 86.3 | 91.2 | 91.8 | 93.8 | 94.0 | 94.1 | 95.3 | 95.8 | 95.8 | 97.3 | 97.3 | 97.7 | 98.3 |
| ≥ 200 | | 79.0 | 83.6 | 86.3 | 91.3 | 92.1 | 94.2 | 94.4 | 94.5 | 95.8 | 96.3 | 96.3 | 97.8 | 97.8 | 98.3 | 98.9 |
| ≥ 100 | | 79.0 | 83.6 | 86.3 | 91.3 | 92.1 | 94.2 | 94.4 | 94.5 | 95.8 | 96.3 | 96.3 | 97.8 | 97.8 | 98.3 | 99.2 |
| 0 | | 79.0 | 83.6 | 86.3 | 91.3 | 92.1 | 94.2 | 94.4 | 94.5 | 95.8 | 96.3 | 96.3 | 97.8 | 97.8 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 75

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) DEC (MONTH) 00 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 49.0 | 49.7 | 50.3 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.9 | 52.9 |
| ≥ 20000 | | 52.9 | 53.6 | 54.2 | 55.5 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 |
| ≥ 18000 | | 52.9 | 53.6 | 54.2 | 55.5 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 |
| ≥ 16000 | | 52.9 | 53.6 | 54.2 | 55.5 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 |
| ≥ 14000 | | 52.9 | 53.6 | 54.2 | 55.5 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 |
| ≥ 12000 | | 53.6 | 54.2 | 54.8 | 56.1 | 56.1 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 57.4 | 57.4 |
| ≥ 10000 | | 58.1 | 58.7 | 60.0 | 61.3 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 |
| ≥ 9000 | | 58.1 | 58.7 | 60.0 | 61.3 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 |
| ≥ 8000 | | 63.2 | 63.9 | 65.2 | 66.5 | 66.5 | 67.1 | 67.1 | 67.1 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 68.4 | 68.4 |
| ≥ 7000 | | 65.8 | 67.1 | 68.4 | 69.7 | 70.3 | 71.0 | 71.0 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 |
| ≥ 6000 | | 65.8 | 67.1 | 68.4 | 69.7 | 70.3 | 71.0 | 71.0 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 |
| ≥ 5000 | | 68.4 | 70.3 | 71.6 | 72.9 | 73.6 | 74.2 | 74.2 | 74.2 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 75.5 | 75.5 |
| ≥ 4500 | | 70.3 | 72.3 | 73.6 | 74.8 | 75.5 | 76.1 | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 |
| ≥ 4000 | | 71.6 | 73.6 | 74.8 | 76.1 | 76.8 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 |
| ≥ 3500 | | 72.3 | 74.2 | 75.5 | 76.8 | 77.4 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 |
| ≥ 3000 | | 72.3 | 74.2 | 76.1 | 77.4 | 78.1 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 80.0 | 80.0 |
| ≥ 2500 | | 73.6 | 75.5 | 77.4 | 78.7 | 80.0 | 80.7 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.9 | 81.9 |
| ≥ 2000 | | 74.8 | 77.4 | 79.4 | 80.7 | 81.9 | 82.6 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 |
| ≥ 1800 | | 75.5 | 78.1 | 80.0 | 81.3 | 82.6 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.5 | 84.5 |
| ≥ 1500 | | 76.8 | 79.4 | 81.3 | 82.6 | 83.9 | 84.5 | 84.5 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.8 | 85.8 |
| ≥ 1200 | | 77.4 | 80.0 | 81.9 | 83.2 | 84.5 | 85.2 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 |
| ≥ 1000 | | 78.1 | 80.7 | 82.6 | 83.9 | 85.2 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 87.1 | 87.1 |
| ≥ 900 | | 78.7 | 81.3 | 83.2 | 84.5 | 85.8 | 86.5 | 86.5 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 |
| ≥ 800 | | 78.7 | 81.3 | 83.2 | 85.2 | 86.5 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 |
| ≥ 700 | | 80.0 | 82.6 | 84.5 | 86.5 | 87.7 | 88.4 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.7 | 89.7 |
| ≥ 600 | | 80.0 | 82.6 | 84.5 | 86.5 | 87.7 | 88.4 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.7 | 89.7 |
| ≥ 500 | | 80.7 | 83.9 | 85.8 | 88.4 | 89.7 | 91.0 | 91.6 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.9 | 92.9 |
| ≥ 400 | | 81.3 | 84.5 | 86.5 | 89.0 | 90.3 | 92.9 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 |
| ≥ 300 | | 81.3 | 84.5 | 87.1 | 89.7 | 91.0 | 94.2 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 |
| ≥ 200 | | 81.3 | 84.5 | 87.1 | 90.3 | 91.6 | 94.8 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 97.4 | 98.1 |
| ≥ 100 | | 81.3 | 84.5 | 87.1 | 90.3 | 91.6 | 94.8 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 97.4 | 97.4 | 98.1 | 99.4 |
| 0 | | 81.3 | 84.5 | 87.1 | 90.3 | 91.6 | 94.8 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 97.4 | 97.4 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

03 (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 47.1 | 49.0 | 49.7 | 50.3 | 51.6 | 51.6 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.9 |
| ≥ 20000 | | 49.7 | 52.3 | 52.9 | 53.6 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 56.1 |
| ≥ 18000 | | 49.7 | 52.3 | 52.9 | 53.6 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 56.1 |
| ≥ 16000 | | 49.7 | 52.3 | 52.9 | 53.6 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 56.1 |
| ≥ 14000 | | 49.7 | 52.3 | 52.9 | 53.6 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 56.1 |
| ≥ 12000 | | 51.6 | 54.2 | 54.8 | 55.5 | 56.8 | 56.8 | 56.8 | 56.8 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 58.1 |
| ≥ 10000 | | 57.4 | 60.7 | 61.3 | 61.9 | 63.2 | 63.2 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.5 |
| ≥ 9000 | | 58.7 | 61.9 | 62.6 | 63.2 | 64.5 | 64.5 | 64.5 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.8 |
| ≥ 8000 | | 61.9 | 65.2 | 65.8 | 66.5 | 67.7 | 67.7 | 67.7 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 69.0 |
| ≥ 7000 | | 62.6 | 65.8 | 66.5 | 67.1 | 68.4 | 68.4 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.7 |
| ≥ 6000 | | 64.5 | 67.7 | 68.4 | 69.0 | 70.3 | 70.3 | 70.3 | 70.3 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.6 |
| ≥ 5000 | | 66.5 | 70.3 | 71.0 | 72.3 | 73.6 | 73.6 | 73.6 | 73.6 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.8 |
| ≥ 4500 | | 67.7 | 71.6 | 72.3 | 73.6 | 74.8 | 74.8 | 74.8 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 76.1 |
| ≥ 4000 | | 68.4 | 72.3 | 72.9 | 74.2 | 75.5 | 76.1 | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 78.1 |
| ≥ 3500 | | 69.0 | 72.9 | 73.6 | 74.8 | 76.1 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.7 |
| ≥ 3000 | | 70.3 | 74.2 | 74.8 | 76.1 | 77.4 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 80.0 |
| ≥ 2500 | | 70.3 | 74.2 | 74.8 | 76.1 | 77.4 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 80.0 |
| ≥ 2000 | | 71.6 | 75.5 | 76.1 | 77.4 | 78.7 | 79.4 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 81.3 |
| ≥ 1800 | | 71.6 | 75.5 | 76.1 | 77.4 | 78.7 | 79.4 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 81.3 |
| ≥ 1500 | | 73.6 | 77.4 | 78.1 | 79.4 | 80.7 | 81.3 | 81.3 | 81.3 | 81.9 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 83.2 |
| ≥ 1200 | | 73.6 | 78.1 | 78.7 | 80.0 | 81.3 | 81.9 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.9 |
| ≥ 1000 | | 75.5 | 80.0 | 80.7 | 81.9 | 83.2 | 85.2 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 87.1 |
| ≥ 900 | | 75.5 | 80.0 | 80.7 | 81.9 | 83.2 | 85.2 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 87.1 |
| ≥ 800 | | 75.5 | 80.7 | 81.3 | 83.2 | 84.5 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 89.0 |
| ≥ 700 | | 75.5 | 80.7 | 81.3 | 83.2 | 84.5 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 89.0 |
| ≥ 600 | | 76.8 | 81.9 | 82.6 | 84.5 | 85.8 | 88.4 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.7 | 89.7 | 89.7 | 90.3 |
| ≥ 500 | | 76.8 | 82.6 | 83.2 | 85.2 | 86.5 | 89.0 | 89.0 | 89.0 | 89.7 | 89.7 | 89.7 | 90.3 | 90.3 | 90.3 | 91.0 |
| ≥ 400 | | 77.4 | 83.2 | 83.9 | 85.8 | 87.1 | 89.7 | 89.7 | 90.3 | 91.0 | 91.0 | 91.0 | 91.6 | 91.6 | 91.6 | 92.3 |
| ≥ 300 | | 77.4 | 83.2 | 83.9 | 87.1 | 88.4 | 91.0 | 91.0 | 91.6 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 94.2 |
| ≥ 200 | | 77.4 | 83.2 | 83.9 | 87.1 | 88.4 | 91.6 | 92.3 | 92.9 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 96.1 |
| ≥ 100 | | 77.4 | 83.2 | 83.9 | 87.1 | 88.4 | 91.6 | 92.3 | 92.9 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 98.7 |
| 0 | | 77.4 | 83.2 | 83.9 | 87.1 | 88.4 | 91.6 | 92.3 | 92.9 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 47.7 | 49.0 | 50.3 | 53.6 | 53.6 | 54.2 | 54.2 | 54.2 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 | 55.5 | 56.1 |
| ≥ 20000 | | 51.0 | 52.3 | 53.6 | 56.8 | 56.8 | 57.4 | 57.4 | 57.4 | 58.1 | 58.1 | 58.1 | 58.7 | 58.7 | 58.7 | 59.4 |
| ≥ 18000 | | 51.0 | 52.3 | 53.6 | 56.8 | 56.8 | 57.4 | 57.4 | 57.4 | 58.1 | 58.1 | 58.1 | 58.7 | 58.7 | 58.7 | 59.4 |
| ≥ 16000 | | 51.0 | 52.3 | 53.6 | 56.8 | 56.8 | 57.4 | 57.4 | 57.4 | 58.1 | 58.1 | 58.1 | 58.7 | 58.7 | 58.7 | 59.4 |
| ≥ 14000 | | 51.0 | 52.3 | 53.6 | 56.8 | 56.8 | 57.4 | 57.4 | 57.4 | 58.1 | 58.1 | 58.1 | 58.7 | 58.7 | 58.7 | 59.4 |
| ≥ 12000 | | 52.3 | 53.6 | 54.8 | 58.1 | 58.1 | 58.7 | 58.7 | 58.7 | 59.4 | 59.4 | 59.4 | 60.0 | 60.0 | 60.0 | 60.7 |
| ≥ 10000 | | 56.8 | 58.7 | 60.0 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 64.5 | 64.5 | 64.5 | 65.2 | 65.2 | 65.2 | 65.8 |
| ≥ 9000 | | 56.8 | 58.7 | 60.0 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 | 64.5 | 64.5 | 64.5 | 65.2 | 65.2 | 65.2 | 65.8 |
| ≥ 8000 | | 60.0 | 61.9 | 63.2 | 66.5 | 66.5 | 67.1 | 67.1 | 67.1 | 67.7 | 67.7 | 67.7 | 68.4 | 68.4 | 68.4 | 69.0 |
| ≥ 7000 | | 60.0 | 61.9 | 63.2 | 66.5 | 66.5 | 67.1 | 67.1 | 67.1 | 67.7 | 67.7 | 67.7 | 68.4 | 68.4 | 68.4 | 69.0 |
| ≥ 6000 | | 60.0 | 61.9 | 63.2 | 66.5 | 66.5 | 67.1 | 67.1 | 67.1 | 67.7 | 67.7 | 67.7 | 68.4 | 68.4 | 68.4 | 69.0 |
| ≥ 5000 | | 61.3 | 63.9 | 65.8 | 69.0 | 69.0 | 69.7 | 69.7 | 69.7 | 70.3 | 70.3 | 70.3 | 71.0 | 71.0 | 71.0 | 71.6 |
| ≥ 4500 | | 63.2 | 65.8 | 67.7 | 71.0 | 71.0 | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.9 | 72.9 | 72.9 | 73.6 |
| ≥ 4000 | | 64.5 | 67.1 | 69.0 | 72.3 | 72.3 | 72.9 | 72.9 | 72.9 | 73.6 | 73.6 | 73.6 | 74.2 | 74.2 | 74.2 | 74.8 |
| ≥ 3500 | | 65.8 | 68.4 | 70.3 | 74.2 | 74.2 | 74.8 | 74.8 | 74.8 | 75.5 | 75.5 | 75.5 | 76.1 | 76.1 | 76.1 | 76.8 |
| ≥ 3000 | | 67.1 | 69.7 | 71.6 | 75.5 | 75.5 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.7 |
| ≥ 2500 | | 69.0 | 71.6 | 74.2 | 78.1 | 78.1 | 79.4 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 81.3 |
| ≥ 2000 | | 71.6 | 74.2 | 76.8 | 81.3 | 81.3 | 82.6 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 | 83.9 | 84.5 |
| ≥ 1800 | | 71.6 | 74.2 | 76.8 | 81.3 | 81.3 | 82.6 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 | 83.9 | 84.5 |
| ≥ 1500 | | 71.6 | 74.2 | 76.8 | 81.3 | 81.3 | 82.6 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 | 83.9 | 84.5 |
| ≥ 1200 | | 72.3 | 74.8 | 77.4 | 81.9 | 81.9 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 | 83.9 | 84.5 | 84.5 | 84.5 | 85.2 |
| ≥ 1000 | | 72.9 | 75.5 | 78.1 | 83.2 | 83.2 | 85.2 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 87.1 |
| ≥ 900 | | 72.9 | 75.5 | 78.1 | 83.2 | 83.2 | 85.2 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 87.1 |
| ≥ 800 | | 73.6 | 76.8 | 79.4 | 84.5 | 84.5 | 86.5 | 86.5 | 86.5 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 88.4 |
| ≥ 700 | | 73.6 | 76.8 | 79.4 | 85.2 | 85.2 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 89.0 |
| ≥ 600 | | 74.2 | 77.4 | 80.0 | 85.8 | 85.8 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.7 |
| ≥ 500 | | 74.2 | 78.1 | 80.7 | 86.5 | 86.5 | 88.4 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.7 | 89.7 | 89.7 | 91.0 |
| ≥ 400 | | 74.8 | 78.7 | 81.3 | 87.7 | 87.7 | 90.3 | 90.3 | 90.3 | 91.0 | 91.0 | 91.0 | 91.6 | 91.6 | 91.6 | 92.9 |
| ≥ 300 | | 74.8 | 78.7 | 81.3 | 87.7 | 87.7 | 91.0 | 91.0 | 91.0 | 92.3 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 94.2 |
| ≥ 200 | | 75.5 | 79.4 | 81.9 | 89.0 | 89.0 | 92.3 | 92.3 | 92.3 | 93.6 | 93.6 | 93.6 | 94.8 | 94.8 | 94.8 | 96.8 |
| ≥ 100 | | 75.5 | 79.4 | 81.9 | 89.0 | 89.0 | 92.3 | 92.3 | 92.3 | 93.6 | 93.6 | 93.6 | 94.8 | 94.8 | 95.5 | 99.4 |
| 0 | | 75.5 | 79.4 | 81.9 | 89.0 | 89.0 | 92.3 | 92.3 | 92.3 | 93.6 | 93.6 | 93.6 | 94.8 | 94.8 | 95.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H 2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH) | 09 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 45.8 | 46.5 | 47.1 | 48.4 | 48.4 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 20000 | | 48.4 | 49.0 | 49.7 | 51.0 | 51.0 | 51.6 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 18000 | | 48.4 | 49.0 | 49.7 | 51.0 | 51.0 | 51.6 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 16000 | | 48.4 | 49.0 | 49.7 | 51.0 | 51.0 | 51.6 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 14000 | | 48.4 | 49.0 | 49.7 | 51.0 | 51.0 | 51.6 | 51.6 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 12000 | | 50.3 | 51.0 | 51.6 | 53.6 | 53.6 | 54.2 | 54.2 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 10000 | | 54.2 | 54.8 | 56.1 | 58.1 | 58.1 | 58.7 | 58.7 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 9000 | | 54.8 | 55.5 | 56.8 | 58.7 | 58.7 | 59.4 | 59.4 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 8000 | | 57.4 | 59.4 | 61.9 | 64.5 | 65.2 | 65.8 | 65.8 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 7000 | | 59.4 | 61.3 | 63.9 | 66.5 | 67.1 | 67.7 | 67.7 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 6000 | | 59.4 | 61.3 | 63.9 | 67.1 | 67.7 | 68.4 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 5000 | | 61.9 | 63.9 | 66.5 | 69.7 | 71.0 | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.9 |
| ≥ 4500 | | 62.6 | 64.5 | 67.1 | 70.3 | 71.6 | 72.3 | 72.3 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 73.6 |
| ≥ 4000 | | 64.5 | 66.5 | 69.0 | 72.3 | 73.6 | 74.2 | 74.2 | 74.2 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 75.5 |
| ≥ 3500 | | 65.8 | 67.7 | 70.3 | 73.6 | 74.8 | 75.5 | 75.5 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.8 |
| ≥ 3000 | | 66.5 | 68.4 | 72.3 | 75.5 | 76.8 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.7 |
| ≥ 2500 | | 67.7 | 69.7 | 73.6 | 76.8 | 78.7 | 79.4 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.7 |
| ≥ 2000 | | 67.7 | 69.7 | 73.6 | 76.8 | 78.7 | 79.4 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.7 |
| ≥ 1800 | | 67.7 | 69.7 | 73.6 | 76.8 | 78.7 | 79.4 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.7 |
| ≥ 1500 | | 69.0 | 71.0 | 74.8 | 78.1 | 80.0 | 80.7 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.9 |
| ≥ 1200 | | 70.3 | 72.3 | 76.1 | 79.4 | 81.3 | 81.9 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 83.2 |
| ≥ 1000 | | 72.3 | 74.2 | 78.1 | 82.6 | 84.5 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 87.1 |
| ≥ 900 | | 72.3 | 74.2 | 78.1 | 82.6 | 84.5 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 87.1 |
| ≥ 800 | | 72.3 | 74.2 | 78.7 | 83.2 | 85.2 | 86.5 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.4 |
| ≥ 700 | | 72.3 | 74.2 | 78.7 | 83.2 | 85.2 | 86.5 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.4 |
| ≥ 600 | | 72.3 | 74.8 | 79.4 | 83.9 | 86.5 | 87.7 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.7 |
| ≥ 500 | | 72.3 | 75.5 | 80.0 | 85.8 | 89.0 | 90.3 | 91.0 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 92.3 |
| ≥ 400 | | 72.3 | 75.5 | 80.0 | 85.8 | 89.7 | 91.6 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 94.2 |
| ≥ 300 | | 72.3 | 75.5 | 80.7 | 86.5 | 90.3 | 92.3 | 92.9 | 92.9 | 93.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 95.5 |
| ≥ 200 | | 72.3 | 75.5 | 80.7 | 86.5 | 90.3 | 92.3 | 93.6 | 93.6 | 94.2 | 95.5 | 95.5 | 97.4 | 97.4 | 97.4 | 99.4 |
| ≥ 100 | | 72.3 | 75.5 | 80.7 | 86.5 | 90.3 | 92.3 | 93.6 | 93.6 | 94.2 | 95.5 | 95.5 | 97.4 | 97.4 | 97.4 | 100.0 |
| ≥ 0 | | 72.3 | 75.5 | 80.7 | 86.5 | 90.3 | 92.3 | 93.6 | 93.6 | 94.2 | 95.5 | 95.5 | 97.4 | 97.4 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

NEW ORLEANS, LOUISIANA — STATION NAME
73-77 — YEARS
DEC — MONTH
12 — HOURS (L S T)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 |
| ≥ 20000 | | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 18000 | | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 16000 | | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 14000 | | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 12000 | | 56.1 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 10000 | | 61.9 | 62.6 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 9000 | | 61.9 | 62.6 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 8000 | | 69.0 | 69.7 | 70.3 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 7000 | | 69.0 | 69.7 | 70.3 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 6000 | | 69.7 | 70.3 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 5000 | | 69.7 | 70.3 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 4500 | | 70.3 | 71.0 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 4000 | | 72.3 | 72.9 | 74.2 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 3500 | | 73.6 | 74.2 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 3000 | | 76.8 | 77.4 | 78.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 2500 | | 78.1 | 78.7 | 80.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 2000 | | 80.0 | 80.7 | 81.9 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 1800 | | 80.0 | 80.7 | 81.9 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 1500 | | 83.2 | 83.9 | 85.8 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 1200 | | 85.2 | 86.5 | 88.4 | 89.7 | 89.7 | 90.3 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 1000 | | 85.8 | 87.1 | 89.7 | 91.0 | 91.0 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 900 | | 85.8 | 87.7 | 90.3 | 92.3 | 92.3 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 800 | | 85.8 | 89.0 | 91.6 | 93.6 | 93.6 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 700 | | 87.1 | 90.3 | 92.9 | 94.8 | 94.8 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 600 | | 87.1 | 90.3 | 93.6 | 95.5 | 95.5 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 500 | | 87.1 | 90.3 | 93.6 | 96.1 | 96.1 | 96.8 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 400 | | 87.1 | 90.3 | 93.6 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | | 87.1 | 90.3 | 93.6 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | | 87.1 | 90.3 | 93.6 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 87.1 | 90.3 | 93.6 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | | 87.1 | 90.3 | 93.6 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH) | 15 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 45.8 | 45.8 | 45.8 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| ≥ 20000 | | 54.2 | 54.2 | 54.8 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 18000 | | 54.2 | 54.2 | 54.8 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 16000 | | 54.2 | 54.2 | 54.8 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 14000 | | 54.2 | 54.2 | 54.8 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 12000 | | 56.1 | 56.1 | 56.8 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 10000 | | 60.7 | 61.3 | 61.9 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 9000 | | 61.3 | 61.9 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 8000 | | 65.2 | 66.5 | 67.1 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 7000 | | 66.5 | 67.7 | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 6000 | | 67.1 | 68.4 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 5000 | | 70.3 | 71.6 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 4500 | | 70.3 | 71.6 | 72.3 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 4000 | | 71.6 | 72.9 | 73.6 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 3500 | | 72.9 | 74.2 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 3000 | | 76.8 | 78.1 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 2500 | | 79.4 | 80.7 | 81.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 2000 | | 84.5 | 86.5 | 87.1 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 1800 | | 84.5 | 86.5 | 87.1 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 1500 | | 85.8 | 87.7 | 88.4 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1200 | | 88.4 | 90.3 | 91.0 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1000 | | 88.4 | 90.3 | 91.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 900 | | 88.4 | 91.0 | 92.3 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 800 | | 88.4 | 91.0 | 92.3 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 700 | | 88.4 | 91.0 | 92.3 | 94.2 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 600 | | 88.4 | 91.0 | 92.3 | 94.2 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 500 | | 88.4 | 91.0 | 92.3 | 94.8 | 95.5 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 400 | | 88.4 | 91.0 | 92.3 | 95.5 | 96.1 | 97.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | | 88.4 | 91.0 | 92.3 | 95.5 | 96.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 88.4 | 91.0 | 92.3 | 95.5 | 96.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 88.4 | 91.0 | 92.3 | 95.5 | 96.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 88.4 | 91.0 | 92.3 | 95.5 | 96.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

18 HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 49.0 | 50.3 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 20000 | | 56.8 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 18000 | | 56.8 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 16000 | | 56.8 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 14000 | | 56.8 | 58.7 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 12000 | | 58.1 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 10000 | | 61.3 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 9000 | | 61.9 | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 8000 | | 70.3 | 74.2 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 7000 | | 71.0 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 6000 | | 71.0 | 74.8 | 75.5 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 5000 | | 72.9 | 76.8 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 4500 | | 73.6 | 77.4 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 4000 | | 74.8 | 78.7 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 3500 | | 74.8 | 78.7 | 79.4 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 3000 | | 75.5 | 79.4 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 2500 | | 76.8 | 81.9 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 2000 | | 79.4 | 84.5 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 1800 | | 80.7 | 85.8 | 86.5 | 86.5 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 1500 | | 81.9 | 87.7 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 1200 | | 83.2 | 89.0 | 90.3 | 90.3 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 1000 | | 84.5 | 90.3 | 91.6 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 900 | | 85.2 | 91.0 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 800 | | 85.2 | 91.0 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 700 | | 85.2 | 91.0 | 92.3 | 92.3 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 600 | | 85.8 | 91.6 | 93.6 | 93.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 500 | | 85.8 | 91.6 | 93.6 | 93.6 | 94.2 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 400 | | 85.8 | 91.6 | 94.2 | 94.2 | 94.8 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 300 | | 85.8 | 91.6 | 94.8 | 94.8 | 95.5 | 96.1 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | | 85.8 | 91.6 | 95.5 | 95.5 | 96.1 | 96.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | | 85.8 | 91.6 | 95.5 | 95.5 | 96.1 | 96.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 |
| 0 | | 85.8 | 91.6 | 95.5 | 95.5 | 96.1 | 96.8 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

H2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 51.0 | 51.6 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 20000 | | 53.6 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 |
| ≥ 18000 | | 53.6 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 |
| ≥ 16000 | | 53.6 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 |
| ≥ 14000 | | 53.6 | 54.2 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.5 | 55.5 |
| ≥ 12000 | | 54.8 | 55.5 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.8 | 56.8 |
| ≥ 10000 | | 59.4 | 60.7 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.9 | 61.9 |
| ≥ 9000 | | 60.0 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 |
| ≥ 8000 | | 66.5 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 69.0 | 69.0 |
| ≥ 7000 | | 69.7 | 71.0 | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.9 | 72.9 |
| ≥ 6000 | | 71.0 | 72.3 | 74.2 | 74.2 | 74.2 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 75.5 | 75.5 |
| ≥ 5000 | | 71.6 | 72.9 | 75.5 | 75.5 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.8 | 76.8 |
| ≥ 4500 | | 72.9 | 74.2 | 76.8 | 76.8 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 |
| ≥ 4000 | | 72.9 | 74.8 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 |
| ≥ 3500 | | 74.2 | 76.1 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 80.0 | 80.0 |
| ≥ 3000 | | 76.1 | 78.1 | 80.7 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.9 | 81.9 |
| ≥ 2500 | | 77.4 | 79.4 | 81.9 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 83.2 | 83.2 |
| ≥ 2000 | | 78.7 | 80.7 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.5 | 84.5 |
| ≥ 1800 | | 78.7 | 80.7 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.5 | 84.5 |
| ≥ 1500 | | 80.7 | 83.2 | 85.8 | 85.8 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 87.1 | 87.1 |
| ≥ 1200 | | 81.9 | 84.5 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 |
| ≥ 1000 | | 81.9 | 84.5 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 |
| ≥ 900 | | 81.9 | 84.5 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 |
| ≥ 800 | | 81.9 | 84.5 | 87.1 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.4 | 88.4 |
| ≥ 700 | | 81.9 | 84.5 | 87.1 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 89.0 | 89.0 |
| ≥ 600 | | 81.9 | 85.2 | 87.7 | 89.0 | 89.0 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 90.3 | 90.3 |
| ≥ 500 | | 84.5 | 88.4 | 91.6 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 |
| ≥ 400 | | 84.5 | 88.4 | 91.6 | 93.6 | 93.6 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 |
| ≥ 300 | | 85.2 | 89.0 | 92.9 | 94.8 | 94.8 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 |
| ≥ 200 | | 85.2 | 89.0 | 92.9 | 94.8 | 94.8 | 96.1 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 |
| ≥ 100 | | 85.2 | 89.0 | 92.9 | 94.8 | 94.8 | 96.8 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.7 | 100.0 | 100.0 |
| ≥ 0 | | 85.2 | 89.0 | 92.9 | 94.8 | 94.8 | 96.8 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.7 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | 73-77 (YEARS) | DEC (MONTH) | ALL (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 47.8 | 48.7 | 49.3 | 50.2 | 50.3 | 50.6 | 50.6 | 50.6 | 50.8 | 50.8 | 50.8 | 50.9 | 50.9 | 51.0 | 51.1 |
| ≥ 20000 | | 52.3 | 53.3 | 54.0 | 54.8 | 55.0 | 55.2 | 55.2 | 55.2 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 | 55.9 |
| ≥ 18000 | | 52.3 | 53.3 | 54.0 | 54.8 | 55.0 | 55.2 | 55.2 | 55.2 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 | 55.9 |
| ≥ 16000 | | 52.3 | 53.3 | 54.0 | 54.8 | 55.0 | 55.2 | 55.2 | 55.2 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 | 55.9 |
| ≥ 14000 | | 52.3 | 53.3 | 54.0 | 54.8 | 55.0 | 55.2 | 55.2 | 55.2 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 | 55.9 |
| ≥ 12000 | | 54.1 | 55.2 | 55.9 | 56.9 | 57.0 | 57.3 | 57.3 | 57.3 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 | 57.7 | 57.9 |
| ≥ 10000 | | 58.7 | 60.3 | 61.1 | 62.2 | 62.3 | 62.6 | 62.6 | 62.6 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 63.1 | 63.2 |
| ≥ 9000 | | 59.2 | 60.8 | 61.6 | 62.7 | 62.8 | 63.1 | 63.1 | 63.1 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.6 | 63.7 |
| ≥ 8000 | | 64.2 | 66.1 | 67.1 | 68.2 | 68.5 | 68.7 | 68.7 | 68.7 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.3 | 69.4 |
| ≥ 7000 | | 65.5 | 67.4 | 68.5 | 69.6 | 69.9 | 70.2 | 70.2 | 70.2 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.8 | 71.0 |
| ≥ 6000 | | 66.1 | 68.0 | 69.2 | 70.4 | 70.8 | 71.1 | 71.1 | 71.1 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.7 | 71.9 |
| ≥ 5000 | | 67.8 | 70.0 | 71.4 | 72.7 | 73.2 | 73.5 | 73.5 | 73.5 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 74.0 | 74.3 |
| ≥ 4500 | | 68.9 | 71.1 | 72.5 | 73.8 | 74.3 | 74.6 | 74.6 | 74.6 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.2 | 75.4 |
| ≥ 4000 | | 70.1 | 72.3 | 73.8 | 75.1 | 75.6 | 76.0 | 76.0 | 76.0 | 76.3 | 76.3 | 76.3 | 76.5 | 76.5 | 76.6 | 76.9 |
| ≥ 3500 | | 71.1 | 73.3 | 74.8 | 76.1 | 76.6 | 77.0 | 77.0 | 77.0 | 77.3 | 77.3 | 77.3 | 77.5 | 77.5 | 77.7 | 77.9 |
| ≥ 3000 | | 72.7 | 74.9 | 76.6 | 78.1 | 78.6 | 79.0 | 79.0 | 79.0 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.7 | 79.9 |
| ≥ 2500 | | 74.0 | 76.5 | 78.2 | 79.8 | 80.4 | 80.9 | 80.9 | 80.9 | 81.2 | 81.2 | 81.2 | 81.4 | 81.4 | 81.5 | 81.8 |
| ≥ 2000 | | 76.1 | 78.6 | 80.4 | 82.0 | 82.7 | 83.2 | 83.2 | 83.2 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.9 | 84.1 |
| ≥ 1800 | | 76.3 | 78.9 | 80.7 | 82.3 | 83.0 | 83.5 | 83.5 | 83.5 | 83.8 | 83.8 | 83.8 | 84.0 | 84.0 | 84.1 | 84.4 |
| ≥ 1500 | | 77.8 | 80.6 | 82.4 | 84.0 | 84.8 | 85.2 | 85.3 | 85.3 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 86.0 | 86.2 |
| ≥ 1200 | | 79.0 | 81.9 | 83.9 | 85.6 | 86.3 | 86.9 | 86.9 | 86.9 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.6 | 87.8 |
| ≥ 1000 | | 79.9 | 82.8 | 84.9 | 86.9 | 87.6 | 88.3 | 88.6 | 88.6 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.2 | 89.4 |
| ≥ 900 | | 80.1 | 83.2 | 85.2 | 87.3 | 88.0 | 88.9 | 89.0 | 89.0 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.6 | 89.8 |
| ≥ 800 | | 80.2 | 83.6 | 85.7 | 87.9 | 88.6 | 89.6 | 89.8 | 89.8 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.4 | 90.7 |
| ≥ 700 | | 80.5 | 83.9 | 86.1 | 88.4 | 89.1 | 90.1 | 90.4 | 90.4 | 90.7 | 90.7 | 90.7 | 90.9 | 90.9 | 91.1 | 91.3 |
| ≥ 600 | | 80.8 | 84.4 | 86.7 | 89.1 | 89.9 | 90.9 | 91.2 | 91.2 | 91.5 | 91.5 | 91.5 | 91.7 | 91.7 | 91.9 | 92.1 |
| ≥ 500 | | 81.2 | 85.2 | 87.6 | 90.5 | 91.4 | 92.7 | 93.2 | 93.2 | 93.6 | 93.6 | 93.6 | 93.8 | 93.8 | 94.0 | 94.3 |
| ≥ 400 | | 81.5 | 85.4 | 87.9 | 91.1 | 92.0 | 93.7 | 94.3 | 94.4 | 94.8 | 94.8 | 94.8 | 95.2 | 95.2 | 95.3 | 95.7 |
| ≥ 300 | | 81.5 | 85.5 | 88.3 | 91.6 | 92.6 | 94.5 | 95.2 | 95.2 | 96.1 | 96.1 | 96.1 | 96.5 | 96.6 | 96.8 | 97.1 |
| ≥ 200 | | 81.6 | 85.6 | 88.5 | 91.9 | 92.9 | 94.9 | 95.8 | 95.9 | 96.7 | 96.9 | 96.9 | 97.6 | 97.7 | 97.8 | 98.6 |
| ≥ 100 | | 81.6 | 85.6 | 88.5 | 91.9 | 92.9 | 95.0 | 95.9 | 96.0 | 96.8 | 96.9 | 96.9 | 97.7 | 97.8 | 98.2 | 99.6 |
| 0 | | 81.6 | 85.6 | 88.5 | 91.9 | 92.9 | 95.0 | 95.9 | 96.0 | 96.8 | 96.9 | 96.9 | 97.7 | 97.8 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

# CEILING VERSUS VISIBILITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS) ALL (MONTH)

ALL (HOURS (L S T.))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | .0 | 44.1 | 46.3 | 47.3 | 48.8 | 49.2 | 49.7 | 49.9 | 49.9 | 50.2 | 50.4 | 50.4 | 50.7 | 50.7 | 50.8 | 51.0 |
| ≥ 20000 | .0 | 54.6 | 57.4 | 58.8 | 60.5 | 60.9 | 61.6 | 61.8 | 61.8 | 62.2 | 62.3 | 62.3 | 62.7 | 62.7 | 62.8 | 63.1 |
| ≥ 18000 | .0 | 54.6 | 57.4 | 58.8 | 60.5 | 60.9 | 61.6 | 61.8 | 61.8 | 62.2 | 62.4 | 62.4 | 62.7 | 62.7 | 62.9 | 63.1 |
| ≥ 16000 | .0 | 54.6 | 57.4 | 58.8 | 60.5 | 61.0 | 61.6 | 61.9 | 61.9 | 62.2 | 62.4 | 62.4 | 62.7 | 62.7 | 62.9 | 63.1 |
| ≥ 14000 | .0 | 54.7 | 57.5 | 58.9 | 60.6 | 61.1 | 61.7 | 62.0 | 62.0 | 62.3 | 62.5 | 62.5 | 62.8 | 62.8 | 63.0 | 63.2 |
| ≥ 12000 | .0 | 55.7 | 58.5 | 60.0 | 61.7 | 62.2 | 62.8 | 63.1 | 63.1 | 63.4 | 63.6 | 63.6 | 63.9 | 63.9 | 64.1 | 64.3 |
| ≥ 10000 | .0 | 59.7 | 62.9 | 64.4 | 66.4 | 66.9 | 67.5 | 67.8 | 67.8 | 68.2 | 68.4 | 68.4 | 68.7 | 68.8 | 69.0 | 69.2 |
| ≥ 9000 | .0 | 60.2 | 63.5 | 65.1 | 67.0 | 67.5 | 68.2 | 68.5 | 68.5 | 68.9 | 69.0 | 69.0 | 69.4 | 69.4 | 69.6 | 69.9 |
| ≥ 8000 | .0 | 64.1 | 67.5 | 69.3 | 71.4 | 71.9 | 72.6 | 72.9 | 72.9 | 73.3 | 73.5 | 73.5 | 73.9 | 73.9 | 74.1 | 74.3 |
| ≥ 7000 | .0 | 64.9 | 68.4 | 70.2 | 72.3 | 72.8 | 73.6 | 73.9 | 73.9 | 74.3 | 74.5 | 74.5 | 74.9 | 74.9 | 75.1 | 75.3 |
| ≥ 6000 | .0 | 65.4 | 68.9 | 70.7 | 72.9 | 73.4 | 74.2 | 74.5 | 74.5 | 74.9 | 75.1 | 75.1 | 75.5 | 75.5 | 75.7 | 75.9 |
| ≥ 5000 | .0 | 66.2 | 69.8 | 71.6 | 73.8 | 74.4 | 75.1 | 75.5 | 75.5 | 75.9 | 76.1 | 76.1 | 76.5 | 76.5 | 76.7 | 76.9 |
| ≥ 4500 | .0 | 66.7 | 70.4 | 72.2 | 74.5 | 75.0 | 75.8 | 76.1 | 76.1 | 76.5 | 76.7 | 76.7 | 77.1 | 77.1 | 77.3 | 77.6 |
| ≥ 4000 | .0 | 67.6 | 71.3 | 73.2 | 75.4 | 76.0 | 76.8 | 77.1 | 77.1 | 77.5 | 77.7 | 77.7 | 78.1 | 78.1 | 78.3 | 78.6 |
| ≥ 3500 | .0 | 68.4 | 72.1 | 74.1 | 76.3 | 76.9 | 77.7 | 78.0 | 78.1 | 78.5 | 78.7 | 78.7 | 79.1 | 79.1 | 79.3 | 79.5 |
| ≥ 3000 | .0 | 70.7 | 74.6 | 76.7 | 79.1 | 79.7 | 80.5 | 80.9 | 80.9 | 81.3 | 81.5 | 81.5 | 81.9 | 81.9 | 82.1 | 82.4 |
| ≥ 2500 | .0 | 72.7 | 76.8 | 78.9 | 81.4 | 82.0 | 82.9 | 83.3 | 83.3 | 83.7 | 83.9 | 83.9 | 84.3 | 84.3 | 84.5 | 84.8 |
| ≥ 2000 | .0 | 75.0 | 79.3 | 81.5 | 84.2 | 84.8 | 85.7 | 86.1 | 86.1 | 86.6 | 86.8 | 86.8 | 87.2 | 87.2 | 87.4 | 87.7 |
| ≥ 1800 | .0 | 75.2 | 79.5 | 81.8 | 84.4 | 85.1 | 86.0 | 86.4 | 86.4 | 86.9 | 87.1 | 87.1 | 87.5 | 87.5 | 87.7 | 87.9 |
| ≥ 1500 | .0 | 77.1 | 81.7 | 84.1 | 86.9 | 87.6 | 88.5 | 89.0 | 89.0 | 89.5 | 89.7 | 89.7 | 90.1 | 90.1 | 90.3 | 90.5 |
| ≥ 1200 | .0 | 78.1 | 82.8 | 85.4 | 88.2 | 88.9 | 89.9 | 90.4 | 90.4 | 90.9 | 91.1 | 91.1 | 91.5 | 91.5 | 91.7 | 92.0 |
| ≥ 1000 | .0 | 79.3 | 84.2 | 86.9 | 90.0 | 90.7 | 91.8 | 92.3 | 92.3 | 92.9 | 93.1 | 93.1 | 93.5 | 93.5 | 93.7 | 94.0 |
| ≥ 900 | .0 | 79.5 | 84.4 | 87.2 | 90.3 | 91.0 | 92.2 | 92.6 | 92.6 | 93.2 | 93.4 | 93.4 | 93.8 | 93.8 | 94.0 | 94.3 |
| ≥ 800 | .0 | 79.9 | 85.0 | 87.9 | 91.0 | 91.8 | 93.0 | 93.5 | 93.5 | 94.1 | 94.3 | 94.3 | 94.8 | 94.8 | 95.0 | 95.2 |
| ≥ 700 | .0 | 80.2 | 85.3 | 88.2 | 91.5 | 92.3 | 93.5 | 94.0 | 94.0 | 94.6 | 94.8 | 94.8 | 95.3 | 95.3 | 95.5 | 95.7 |
| ≥ 600 | .0 | 80.4 | 85.6 | 88.6 | 92.0 | 92.8 | 94.1 | 94.6 | 94.7 | 95.2 | 95.5 | 95.5 | 95.9 | 96.0 | 96.2 | 96.4 |
| ≥ 500 | .0 | 80.6 | 85.9 | 89.1 | 92.6 | 93.5 | 94.8 | 95.4 | 95.4 | 96.0 | 96.3 | 96.3 | 96.8 | 96.8 | 97.0 | 97.3 |
| ≥ 400 | .0 | 80.7 | 86.1 | 89.3 | 92.9 | 93.8 | 95.3 | 95.9 | 96.0 | 96.6 | 96.9 | 96.9 | 97.5 | 97.5 | 97.7 | 98.0 |
| ≥ 300 | .0 | 80.8 | 86.1 | 89.4 | 93.0 | 94.0 | 95.6 | 96.2 | 96.2 | 97.0 | 97.4 | 97.4 | 98.0 | 98.0 | 98.2 | 98.5 |
| ≥ 200 | .0 | 80.8 | 86.2 | 89.4 | 93.1 | 94.1 | 95.8 | 96.5 | 96.5 | 97.3 | 97.7 | 97.7 | 98.5 | 98.5 | 98.8 | 99.1 |
| ≥ 100 | .0 | 80.8 | 86.2 | 89.4 | 93.1 | 94.1 | 95.8 | 96.5 | 96.5 | 97.4 | 97.8 | 97.8 | 98.6 | 98.7 | 99.1 | 99.6 |
| 0 | .0 | 80.8 | 86.2 | 89.4 | 93.1 | 94.1 | 95.8 | 96.5 | 96.5 | 97.4 | 97.8 | 97.8 | 98.6 | 98.7 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 14608

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

2

# SKY COVER

STATION NEW ORLEANS, LOUISIANA — PERIOD 73-77 — MONTH JANUARY

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | 00 | 25.8 | 3.2 | 1.9 | 1.3 | 1.9 | 3.9 | 3.9 | 5.2 | 1.9 | 5.8 | 45.2 | 6.2 | 155 |
| | 03 | 23.9 | 3.2 | 2.6 | 3.2 | | .6 | 3.9 | 5.2 | 4.5 | 4.5 | 48.4 | 6.4 | 155 |
| | 06 | 22.6 | 2.6 | 2.6 | 1.3 | 1.3 | 3.2 | 2.6 | .6 | 6.5 | 5.2 | 51.6 | 6.7 | 155 |
| | 09 | 12.3 | 5.2 | | 5.8 | 3.2 | 3.9 | .6 | 5.2 | 6.5 | 7.7 | 49.7 | 7.1 | 155 |
| | 12 | 14.8 | 3.2 | 1.3 | 4.5 | 3.2 | 2.6 | 3.2 | 5.8 | 9.7 | 11.6 | 40.0 | 6.9 | 155 |
| | 15 | 16.8 | 4.5 | .6 | 2.6 | 3.9 | 3.2 | 4.5 | 3.9 | 11.6 | 9.7 | 38.7 | 6.7 | 155 |
| | 18 | 18.1 | 9.0 | 3.2 | 3.9 | 3.2 | 2.6 | 1.3 | 4.5 | 7.7 | 8.4 | 38.1 | 6.1 | 155 |
| | 21 | 28.4 | 1.9 | 4.5 | 3.2 | 1.3 | 3.2 | 1.3 | 5.2 | 3.2 | 2.6 | 45.2 | 5.9 | 155 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.3 | 4.1 | 2.1 | 3.2 | 2.3 | 2.9 | 2.7 | 4.5 | 6.5 | 6.9 | 44.6 | 6.5 | 1240 |

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5704 SKY COVER JAN 68

2

# SKY COVER

STATION NEW ORLEANS, LOUISIANA — PERIOD 73-77 — MONTH FEB

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 00 | 41.1 | .7 | 4.3 | 6.4 | 2.8 | 1.4 | 2.8 | 5.0 | 5.0 | 4.3 | 26.2 | 4.4 | 141 |
| | 03 | 40.4 | 2.8 | 5.7 | 3.5 | 2.1 | 4.3 | 1.4 | 1.4 | 5.0 | 2.8 | 30.5 | 4.4 | 141 |
| | 06 | 30.5 | 6.4 | 2.1 | 3.5 | 6.4 | 3.5 | 2.1 | 3.5 | 4.3 | 7.8 | 29.8 | 5.0 | 141 |
| | 09 | 28.4 | 2.1 | 2.1 | 7.1 | 3.5 | 2.1 | 2.1 | 5.0 | 9.9 | 5.7 | 31.9 | 5.5 | 141 |
| | 12 | 26.2 | 5.7 | 2.8 | 1.4 | 4.3 | 2.8 | 5.7 | 5.7 | 11.3 | 12.1 | 22.0 | 5.4 | 141 |
| | 15 | 21.3 | 9.2 | 2.8 | 5.7 | 4.3 | 7.1 | 2.1 | 4.3 | 9.2 | 9.2 | 24.8 | 5.3 | 141 |
| | 18 | 28.4 | 3.5 | 9.9 | 5.7 | 5.0 | 2.1 | 2.8 | 7.1 | 5.7 | 7.1 | 22.7 | 4.7 | 141 |
| | 21 | 41.1 | 3.5 | 5.0 | 7.1 | 5.0 | 2.8 | 2.8 | 2.8 | 2.8 | 3.5 | 23.4 | 3.9 | 141 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 32.2 | 4.2 | 4.3 | 5.1 | 4.2 | 3.3 | 2.7 | 4.4 | 6.7 | 6.6 | 26.4 | 4.8 | 1128 |

5704 SKY COVER JAN 68

# SKY COVER

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) MAR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAR | 00 | 18.7 | 3.2 | 3.2 | 4.5 | 3.9 | 3.9 | 4.5 | 5.2 | 4.5 | 3.2 | 45.2 | 6.4 | 155 |
| | 03 | 20.0 | 1.9 | 3.9 | 4.5 | 2.6 | 3.9 | 1.9 | 1.9 | 3.9 | 4.5 | 51.0 | 6.6 | 155 |
| | 06 | 12.9 | 1.9 | 4.5 | 4.5 | 2.6 | 2.6 | 1.3 | 3.2 | 5.2 | 10.3 | 51.0 | 7.2 | 155 |
| | 09 | 8.4 | 1.3 | 2.6 | 2.6 | 1.9 | 2.6 | 5.2 | 6.5 | 5.8 | 7.7 | 55.5 | 7.8 | 155 |
| | 12 | 5.8 | 1.9 | 3.2 | 3.2 | 2.6 | 1.3 | 2.6 | 6.5 | 14.8 | 11.6 | 46.5 | 7.8 | 155 |
| | 15 | 9.0 | 1.3 | .6 | 3.2 | 7.1 | 3.2 | 4.5 | 9.0 | 10.3 | 12.3 | 39.4 | 7.3 | 155 |
| | 18 | 11.0 | 4.5 | 2.6 | 2.6 | 2.6 | 5.2 | 3.9 | 3.2 | 12.9 | 13.5 | 38.1 | 7.1 | 155 |
| | 21 | 21.9 | 5.8 | 1.9 | 1.9 | 4.5 | 3.2 | 1.3 | 3.9 | 4.5 | 7.7 | 43.2 | 6.2 | 155 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 13.5 | 2.7 | 2.8 | 3.4 | 3.5 | 3.2 | 3.2 | 4.9 | 7.7 | 8.9 | 46.2 | 7.1 | 1240 |



5704 SKY COVER JAN 68

2

# SKY COVER

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 PERIOD — APR. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00 | 36.7 | 4.7 | 3.3 | 1.3 | 2.7 | 3.3 | 2.0 | 5.3 | 7.3 | 3.3 | 30.0 | 4.8 | 150 |
| | 03 | 38.7 | .7 | 6.7 | 2.7 | 2.7 | 2.7 | 4.0 | 2.0 | 5.3 | 6.0 | 28.7 | 4.7 | 150 |
| | 06 | 18.7 | 4.0 | 10.0 | 4.7 | .7 | 4.0 | 1.3 | 6.0 | 8.0 | 15.3 | 27.3 | 5.9 | 150 |
| | 09 | 18.7 | 6.0 | 4.7 | 3.3 | 4.7 | 2.0 | 4.0 | 5.3 | 15.3 | 10.7 | 25.3 | 5.9 | 150 |
| | 12 | 17.3 | 4.0 | 3.3 | 2.0 | 4.0 | 4.0 | 2.7 | 9.3 | 17.3 | 14.7 | 21.3 | 6.2 | 150 |
| | 15 | 17.3 | 3.3 | 6.0 | 4.0 | 3.3 | 8.0 | 4.7 | 6.7 | 14.0 | 12.0 | 20.7 | 5.8 | 150 |
| | 18 | 15.3 | 8.7 | 2.7 | 6.0 | 2.7 | 7.3 | 2.7 | 4.7 | 13.3 | 10.7 | 26.0 | 5.9 | 150 |
| | 21 | 30.7 | 6.0 | 5.3 | 4.7 | 4.7 | 4.0 | 4.0 | 5.3 | 4.7 | 3.3 | 27.3 | 4.7 | 150 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.2 | 4.7 | 5.3 | 3.6 | 3.2 | 4.4 | 3.2 | 5.6 | 10.7 | 9.5 | 25.8 | 5.5 | 1200 |

5704 SKY COVER JAN 68

2

# SKY COVER

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 PERIOD — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00 | 30.3 | 5.2 | 5.8 | 8.4 | 5.2 | 3.9 | 5.2 | 4.5 | 3.9 | 1.3 | 26.5 | 4.5 | 155 |
| | 03 | 27.7 | 3.9 | 11.6 | 5.8 | 5.8 | 5.8 | 5.2 | 5.2 | 3.2 | 5.8 | 20.0 | 4.4 | 155 |
| | 06 | 14.8 | 5.8 | 5.2 | 5.2 | 4.5 | 5.8 | 1.9 | 10.3 | 13.5 | 7.1 | 25.8 | 5.9 | 155 |
| | 09 | 10.3 | 1.9 | 2.6 | 6.5 | 2.6 | 6.5 | 7.1 | 9.7 | 19.4 | 7.1 | 26.5 | 6.6 | 155 |
| | 12 | 4.5 | .6 | 5.2 | 4.5 | 7.1 | 10.3 | 3.2 | 9.0 | 14.8 | 13.5 | 27.1 | 7.0 | 155 |
| | 15 | 5.8 | 2.6 | 1.9 | 6.5 | 6.5 | 9.0 | 4.5 | 16.1 | 11.6 | 9.0 | 26.5 | 6.8 | 155 |
| | 18 | 11.6 | 6.5 | 1.9 | 3.2 | 6.5 | 5.8 | 2.6 | 10.3 | 12.3 | 8.4 | 31.0 | 6.5 | 155 |
| | 21 | 27.1 | 3.2 | 9.0 | 2.6 | 7.7 | 4.5 | 5.8 | 1.9 | 8.4 | 5.2 | 24.5 | 4.9 | 155 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 16.5 | 3.7 | 5.4 | 5.3 | 5.7 | 6.5 | 4.4 | 8.4 | 10.9 | 7.2 | 26.0 | 5.8 | 1240 |

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5704 SKY COVER JAN 68

# SKY COVER

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 00 | 38.7 | 4.0 | 12.0 | 3.3 | 7.3 | 6.0 | 4.0 | 4.7 | 5.3 | 2.7 | 12.0 | 3.4 | 150 |
| | 03 | 37.3 | 4.7 | 9.3 | 10.0 | 6.7 | 4.7 | 1.3 | 5.3 | 4.7 | 4.0 | 12.0 | 3.4 | 150 |
| | 06 | 16.0 | 5.3 | 10.0 | 9.3 | 8.7 | 9.3 | 5.3 | 5.3 | 9.3 | 9.3 | 12.0 | 4.8 | 150 |
| | 09 | 9.3 | 5.3 | 3.3 | 5.3 | 6.0 | 13.3 | 6.7 | 14.0 | 14.0 | 10.0 | 12.7 | 5.9 | 150 |
| | 12 | 3.3 | 2.0 | 3.3 | 5.3 | 8.0 | 12.7 | 7.3 | 12.7 | 14.7 | 12.7 | 18.0 | 6.6 | 150 |
| | 15 | 1.3 | 3.3 | 4.0 | 9.3 | 9.3 | 14.7 | 4.0 | 9.3 | 15.3 | 13.3 | 16.0 | 6.4 | 150 |
| | 18 | 8.7 | 4.0 | 5.3 | 4.7 | 10.7 | 6.0 | 5.3 | 8.7 | 12.7 | 10.7 | 23.3 | 6.2 | 150 |
| | 21 | 20.7 | 6.7 | 10.0 | 8.0 | 5.3 | 6.7 | 3.3 | 10.7 | 8.7 | 6.7 | 13.3 | 4.6 | 150 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 16.9 | 4.4 | 7.2 | 6.9 | 7.8 | 9.2 | 4.7 | 8.8 | 10.6 | 8.7 | 14.9 | 5.2 | 1200 |



5704 SKY COVER JAN 68

# SKY COVER

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00 | 24.5 | 4.5 | 9.0 | 6.5 | 7.1 | 11.6 | 3.9 | 7.1 | 7.7 | 3.9 | 14.2 | 4.4 | 155 |
| | 03 | 24.5 | 5.8 | 9.7 | 14.8 | 11.0 | 9.7 | 3.2 | 3.2 | 5.8 | 3.2 | 9.0 | 3.7 | 155 |
| | 06 | 7.7 | 3.2 | 3.9 | 8.4 | 8.4 | 12.3 | 7.1 | 9.7 | 16.8 | 5.8 | 16.8 | 6.0 | 155 |
| | 09 | 3.9 | 1.3 | 7.1 | 6.5 | 11.0 | 9.0 | 7.7 | 14.8 | 13.5 | 11.0 | 14.2 | 6.2 | 155 |
| | 12 | 1.3 | .6 | .6 | 5.8 | 3.9 | 14.8 | 5.8 | 17.4 | 16.1 | 11.6 | 21.9 | 7.2 | 155 |
| | 15 | .6 | 1.3 | 1.3 | 4.5 | 7.7 | 9.0 | 6.5 | 12.3 | 15.5 | 18.7 | 22.6 | 7.4 | 155 |
| | 18 | 1.3 | 1.3 | 1.3 | 4.5 | 3.9 | 7.1 | 8.4 | 7.7 | 16.8 | 12.3 | 35.5 | 7.7 | 155 |
| | 21 | 7.1 | 3.9 | 8.4 | 9.7 | 9.0 | 7.1 | 3.9 | 7.7 | 9.0 | 6.5 | 27.7 | 6.1 | 155 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 8.9 | 2.7 | 5.2 | 7.6 | 7.8 | 10.1 | 5.8 | 10.0 | 12.7 | 9.1 | 20.2 | 6.1 | 1240 |



5704 SKY COVER JAN 68

2

# SKY COVER

12958 STATION NEW ORLEANS, LOUISIANA STATION NAME 73-77 PERIOD AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00 | 32.3 | 7.1 | 8.4 | 8.4 | 7.7 | 5.8 | 6.5 | 4.5 | 6.5 | 3.9 | 9.0 | 3.6 | 155 |
| | 03 | 35.5 | 5.2 | 11.6 | 9.7 | 9.0 | 5.2 | 3.2 | 3.9 | 6.5 | 4.5 | 5.8 | 3.2 | 155 |
| | 06 | 5.2 | 5.2 | 9.0 | 12.9 | 10.3 | 12.3 | 9.0 | 7.7 | 6.5 | 11.0 | 11.0 | 5.3 | 155 |
| | 09 | 6.5 | 3.2 | 2.6 | 4.5 | 11.6 | 14.8 | 9.7 | 13.5 | 12.3 | 7.1 | 14.2 | 6.0 | 155 |
| | 12 | 1.3 | 1.3 | 2.6 | 3.2 | 5.8 | 11.6 | 7.1 | 14.8 | 22.6 | 11.6 | 18.1 | 7.1 | 155 |
| | 15 | 1.9 | 1.3 | 1.9 | 7.1 | 2.6 | 1.3 | 9.0 | 11.6 | 16.1 | 21.9 | 25.2 | 7.6 | 155 |
| | 18 | 6.5 | 1.9 | .6 | 2.6 | 5.2 | 7.1 | 1.9 | 14.2 | 13.5 | 18.7 | 27.7 | 7.3 | 155 |
| | 21 | 15.5 | 3.9 | 10.3 | 9.0 | 8.4 | 7.1 | 7.7 | 9.0 | 8.4 | 5.8 | 14.8 | 5.0 | 155 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 13.1 | 3.6 | 5.9 | 7.2 | 7.6 | 8.2 | 6.8 | 9.9 | 11.6 | 10.6 | 15.7 | 5.6 | 1240 |

5704 SKY COVER JAN 68

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), NEW ORL--ETC(U)
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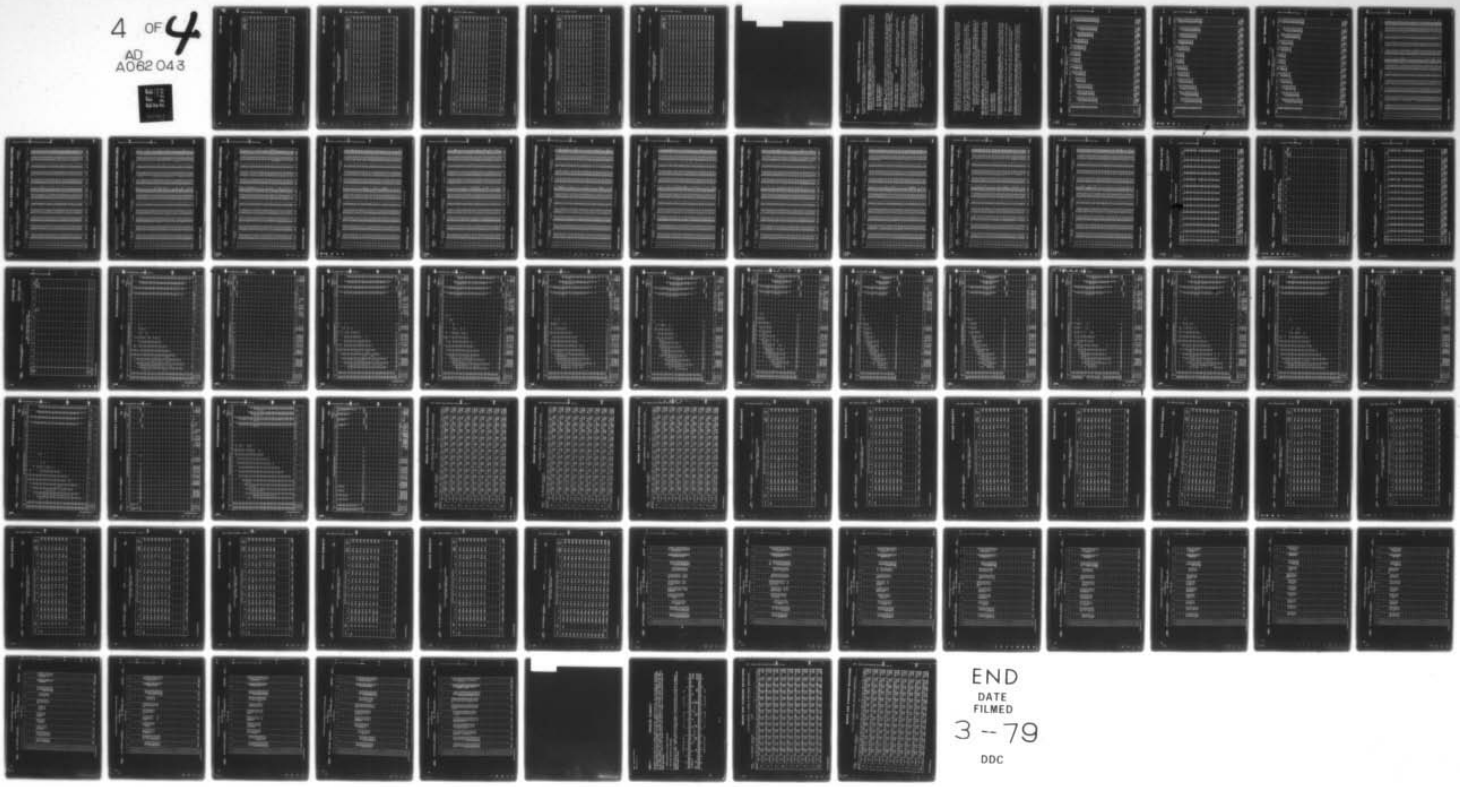

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# SKY COVER

12958 STATION NEW ORLEANS, LOUISIANA STATION NAME 73-77 PERIOD SEP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| SEP | 00 | 34.0 | 5.3 | 7.3 | 12.7 | 3.3 | 4.7 | 4.7 | 6.0 | 4.7 | 3.3 | 14.0 | 3.7 | 150 |
| | 03 | 32.7 | 4.7 | 6.0 | 4.7 | 10.0 | 4.7 | 5.3 | 7.3 | 5.3 | 4.0 | 15.3 | 4.1 | 150 |
| | 06 | 13.3 | 2.0 | 10.0 | 10.0 | 6.7 | 11.3 | 3.3 | 8.7 | 5.3 | 7.3 | 22.0 | 5.4 | 150 |
| | 09 | 12.0 | 3.3 | 4.7 | 2.7 | 4.7 | 11.3 | 6.0 | 15.3 | 9.3 | 10.0 | 20.7 | 6.1 | 150 |
| | 12 | 7.3 | 1.3 | 4.0 | 2.7 | 4.7 | 6.0 | 9.3 | 14.0 | 15.3 | 12.7 | 22.7 | 6.8 | 150 |
| | 15 | 5.3 | .7 | 6.0 | 7.3 | 5.3 | 8.7 | 2.7 | 10.0 | 12.7 | 14.0 | 27.3 | 6.9 | 150 |
| | 18 | 10.0 | 4.0 | 7.3 | 5.3 | 4.0 | 6.0 | 3.3 | 9.3 | 8.7 | 10.7 | 25.3 | 6.4 | 150 |
| | 21 | 22.7 | 6.7 | 5.3 | 5.3 | 6.7 | 5.3 | 6.0 | 9.3 | 6.0 | 7.3 | 19.3 | 5.0 | 150 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.2 | 3.5 | 6.3 | 6.3 | 5.7 | 7.3 | 5.1 | 10.0 | 8.4 | 9.4 | 20.8 | 5.6 | 1200 |

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5704 SKY COVER JAN 68

2

# SKY COVER

12958 STATION NEW ORLEANS, LOUISIANA STATION NAME 73-77 PERIOD OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 00 | 45.8 | 5.2 | 7.1 | 3.9 | 3.9 | 3.9 | 1.9 | 1.3 | 3.9 | 2.6 | 20.6 | 3.5 | 155 |
| | 03 | 41.9 | 4.5 | 7.1 | 10.3 | 1.3 | 1.9 | .6 | 3.9 | 6.5 | 3.9 | 18.1 | 3.6 | 155 |
| | 06 | 27.1 | 9.7 | 9.7 | 6.5 | 4.5 | 3.2 | 3.2 | 3.9 | 5.8 | 6.5 | 20.0 | 4.3 | 155 |
| | 09 | 32.3 | 3.9 | 8.4 | 2.6 | 4.5 | 5.8 | 1.9 | 5.2 | 6.5 | 7.7 | 21.3 | 4.6 | 155 |
| | 12 | 21.9 | 6.5 | 7.7 | 4.5 | 5.8 | 6.5 | 4.5 | 6.5 | 11.0 | 8.4 | 16.8 | 4.9 | 155 |
| | 15 | 20.0 | 1.9 | 12.9 | 7.1 | 12.3 | 5.2 | 2.6 | 7.1 | 7.7 | 5.8 | 17.4 | 4.8 | 155 |
| | 18 | 23.9 | 10.3 | 9.7 | 7.7 | 6.5 | 2.6 | 1.3 | 5.2 | 7.1 | 5.8 | 20.0 | 4.4 | 155 |
| | 21 | 45.2 | 9.0 | 5.2 | 1.9 | 1.9 | 1.3 | 1.3 | 5.8 | 6.5 | 3.9 | 18.1 | 3.5 | 155 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 32.3 | 6.4 | 8.5 | 5.6 | 5.1 | 3.8 | 2.2 | 4.9 | 6.9 | 5.6 | 19.0 | 4.2 | 1240 |

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5704 SKY COVER JAN 68

2

# SKY COVER

12958 STATION NEW ORLEANS, LOUISIANA STATION NAME 73-77 PERIOD NOV MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| NOV | 00 | 35.3 | 6.0 | 5.3 | 2.7 | 5.3 | 1.3 | .7 | 4.0 | 9.3 | 1.3 | 28.7 | 4.6 | 150 |
| | 03 | 36.0 | 1.3 | 3.3 | 4.7 | 4.0 | 2.0 | 4.0 | 2.0 | 4.7 | 4.7 | 33.3 | 5.0 | 150 |
| | 06 | 24.7 | 6.7 | 3.3 | 4.0 | 6.0 | 2.7 | 2.0 | 2.7 | 8.7 | 6.7 | 32.7 | 5.5 | 150 |
| | 09 | 23.3 | 3.3 | 6.0 | 4.0 | 2.7 | 5.3 | 2.7 | 4.7 | 10.0 | 8.0 | 30.0 | 5.7 | 150 |
| | 12 | 18.0 | 6.0 | 4.0 | 2.7 | 3.3 | 6.0 | 7.3 | 5.3 | 13.3 | 8.7 | 25.3 | 5.8 | 150 |
| | 15 | 16.0 | 6.0 | 4.0 | 6.7 | 4.7 | 5.3 | 4.0 | 5.3 | 8.7 | 12.7 | 26.7 | 5.9 | 150 |
| | 18 | 24.0 | 8.0 | 7.3 | 4.0 | 6.0 | 4.0 | 2.0 | 6.0 | 7.3 | 6.7 | 24.7 | 5.0 | 150 |
| | 21 | 38.0 | 6.7 | 6.7 | 2.0 | 3.3 | 1.3 | .7 | 4.7 | 4.7 | 4.7 | 27.3 | 4.4 | 150 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 26.9 | 5.5 | 5.0 | 3.9 | 4.4 | 3.5 | 2.9 | 4.3 | 8.3 | 6.7 | 28.6 | 5.2 | 1200 |

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5704 SKY COVER JAN 68

2

# SKY COVER

12958 STATION NEW ORLEANS, LOUISIANA STATION NAME 73-77 PERIOD DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 00 | 32.9 | 3.2 | 3.9 | 3.9 | 2.6 | 1.9 | 4.5 | 1.9 | 7.1 | 2.6 | 35.5 | 5.2 | 155 |
| | 03 | 34.2 | 3.9 | 1.3 | 3.2 | 2.6 | 2.6 | 4.5 | 5.2 | 5.2 | 5.2 | 32.3 | 5.1 | 155 |
| | 06 | 35.5 | 4.5 | 3.9 | 3.9 | 3.2 | .6 | 1.3 | 5.8 | 6.5 | 2.6 | 32.3 | 4.9 | 155 |
| | 09 | 22.6 | 7.1 | 3.9 | 5.2 | 5.8 | 2.6 | 2.6 | 1.9 | 5.8 | 5.8 | 36.8 | 5.6 | 155 |
| | 12 | 16.1 | 3.9 | 7.1 | 5.2 | 3.9 | 7.1 | 1.9 | 8.4 | 6.5 | 7.7 | 32.3 | 6.0 | 155 |
| | 15 | 19.4 | 4.5 | 3.2 | 5.8 | 4.5 | 5.2 | 2.6 | 7.7 | 4.5 | 12.9 | 29.7 | 5.9 | 155 |
| | 18 | 23.2 | 8.4 | 6.5 | 3.9 | 1.3 | 5.2 | 2.6 | 7.1 | 3.2 | 9.0 | 29.7 | 5.3 | 155 |
| | 21 | 33.5 | 1.9 | 3.2 | 5.8 | 2.6 | 3.2 | 3.9 | 3.9 | 4.5 | 4.5 | 32.9 | 5.1 | 155 |
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| | | | | | | | | | | | | | | |
| TOTALS | | 27.2 | 4.7 | 4.1 | 4.6 | 3.3 | 3.6 | 3.0 | 5.2 | 5.4 | 6.3 | 32.7 | 5.4 | 1240 |

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5704 SKY COVER JAN 68

2

# SKY COVER

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 PERIOD | ALL MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | ALL | 20.3 | 4.1 | 2.1 | 3.2 | 2.3 | 2.9 | 2.7 | 4.5 | 6.5 | 6.9 | 44.6 | 6.5 | 1240 |
| FEB | | 32.2 | 4.2 | 4.3 | 5.1 | 4.2 | 3.3 | 2.7 | 4.4 | 6.7 | 6.6 | 26.4 | 4.8 | 1128 |
| MAR | | 13.5 | 2.7 | 2.8 | 3.4 | 3.5 | 3.2 | 3.2 | 4.9 | 7.7 | 8.9 | 46.2 | 7.1 | 1240 |
| APR | | 24.2 | 4.7 | 5.3 | 3.6 | 3.2 | 4.4 | 3.2 | 5.6 | 10.7 | 9.5 | 25.8 | 5.5 | 1200 |
| MAY | | 16.5 | 3.7 | 5.4 | 5.3 | 5.7 | 6.5 | 4.4 | 8.4 | 10.9 | 7.2 | 26.0 | 5.8 | 1240 |
| JUN | | 16.9 | 4.4 | 7.2 | 6.9 | 7.8 | 9.2 | 4.7 | 8.8 | 10.6 | 8.7 | 14.9 | 5.2 | 1200 |
| JUL | | 8.9 | 2.7 | 5.2 | 7.6 | 7.8 | 10.1 | 5.8 | 10.0 | 12.7 | 9.1 | 20.2 | 6.1 | 1240 |
| AUG | | 13.1 | 3.6 | 5.9 | 7.2 | 7.6 | 8.2 | 6.8 | 9.9 | 11.6 | 10.6 | 15.7 | 5.6 | 1240 |
| SEP | | 17.2 | 3.5 | 6.3 | 6.3 | 5.7 | 7.3 | 5.1 | 10.0 | 8.4 | 9.4 | 20.8 | 5.6 | 1200 |
| OCT | | 32.3 | 6.4 | 8.5 | 5.6 | 5.1 | 3.8 | 2.2 | 4.9 | 6.9 | 5.6 | 19.0 | 4.2 | 1240 |
| NOV | | 26.9 | 5.5 | 5.0 | 3.9 | 4.4 | 3.5 | 2.9 | 4.3 | 8.3 | 6.7 | 28.6 | 5.2 | 1200 |
| DEC | | 27.2 | 4.7 | 4.1 | 4.6 | 3.3 | 3.6 | 3.0 | 5.2 | 5.4 | 6.3 | 32.7 | 5.4 | 1240 |
| TOTALS | | 20.8 | 4.2 | 5.2 | 5.2 | 5.1 | 5.5 | 3.9 | 6.7 | 8.9 | 8.0 | 26.7 | 5.6 | 14608 |

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5704 SKY COVER JAN 68

NWSD, Federal Building

Asheville, N. C.

# PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

   NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\Sigma X^2$), sums of values ($\Sigma X$), means ($\overline{X}$), and standard deviations ($\sigma x$). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

# DAILY TEMPERATURES

12958 NEW ORLEANS, LOUISIANA 58-77

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 95 | | | | | .2 | 5.3 | 8.1 | 5.0 | 1.7 | | | | 1.7 |
| ≥ 90 | | | | | 5.3 | 35.0 | 49.2 | 51.3 | 24.4 | 2.4 | | | 14.1 |
| ≥ 85 | | | .5 | 9.5 | 47.3 | 83.2 | 90.2 | 90.5 | 71.0 | 19.4 | .7 | .2 | 34.5 |
| ≥ 80 | 1.1 | 2.7 | 11.5 | 45.0 | 81.3 | 98.7 | 98.9 | 97.9 | 92.2 | 51.1 | 14.2 | 4.2 | 50.1 |
| ≥ 75 | 13.4 | 15.8 | 35.5 | 73.5 | 96.1 | 99.8 | 100.0 | 100.0 | 98.5 | 76.0 | 39.2 | 16.8 | 63.9 |
| ≥ 70 | 28.2 | 31.0 | 58.1 | 89.2 | 99.5 | 100.0 | | | 99.7 | 92.6 | 60.0 | 33.7 | 74.5 |
| ≥ 65 | 41.9 | 48.1 | 74.4 | 96.7 | 99.7 | | | | 99.8 | 97.7 | 75.5 | 51.8 | 82.3 |
| ≥ 60 | 58.4 | 64.8 | 86.1 | 100.0 | 100.0 | | | | 100.0 | 99.7 | 86.8 | 69.0 | 88.8 |
| ≥ 55 | 70.6 | 79.6 | 94.8 | | | | | | | 100.0 | 94.5 | 80.6 | 93.4 |
| ≥ 50 | 82.1 | 91.3 | 99.0 | | | | | | | | 98.2 | 91.0 | 96.8 |
| ≥ 45 | 91.3 | 97.3 | 99.8 | | | | | | | | 99.7 | 97.3 | 98.8 |
| ≥ 40 | 97.1 | 99.3 | 100.0 | | | | | | | | 100.0 | 99.2 | 99.6 |
| ≥ 35 | 99.2 | 100.0 | | | | | | | | | | 99.7 | 99.9 |
| ≥ 30 | 99.8 | | | | | | | | | | | 100.0 | 100.0 |
| ≥ 25 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 61.2 | 63.6 | 70.0 | 77.8 | 83.4 | 88.1 | 89.3 | 89.1 | 86.3 | 78.9 | 70.3 | 64.2 | 76.9 |
| S. D. | 11.225 | 9.794 | 8.390 | 5.846 | 4.623 | 3.857 | 3.805 | 3.833 | 4.619 | 6.364 | 8.666 | 10.011 | 12.476 |
| TOTAL OBS. | 620 | 565 | 620 | 600 | 620 | 600 | 620 | 620 | 599 | 620 | 600 | 620 | 7304 |

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21 Daily Temperatures Jan 1969

# DAILY TEMPERATURES

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 58-77 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 80 | | | | | | .0 | 1.3 | 1.8 | .8 | | | | .4 |
| ≥ 75 | | | | 2.0 | 3.5 | 18.8 | 33.5 | 37.1 | 21.9 | 2.1 | | | 10.0 |
| ≥ 70 | | .2 | 2.9 | 13.0 | 27.6 | 74.2 | 93.2 | 91.6 | 69.1 | 12.6 | 2.8 | 1.1 | 32.5 |
| ≥ 65 | 1.6 | 3.9 | 11.9 | 32.8 | 65.5 | 95.0 | 99.5 | 99.4 | 86.6 | 30.0 | 10.5 | 4.7 | 45.3 |
| ≥ 60 | 9.2 | 9.2 | 23.4 | 51.3 | 85.5 | 99.2 | 100.0 | 100.0 | 95.8 | 52.6 | 21.3 | 11.6 | 55.1 |
| ≥ 55 | 17.1 | 16.1 | 40.5 | 70.2 | 96.3 | 99.8 | | | 98.8 | 70.5 | 34.5 | 21.9 | 64.0 |
| ≥ 50 | 29.5 | 29.9 | 55.5 | 85.8 | 99.2 | 100.0 | | | 99.7 | 88.5 | 52.2 | 36.8 | 73.3 |
| ≥ 45 | 42.3 | 46.9 | 73.2 | 95.7 | 100.0 | | | | 100.0 | 96.8 | 68.5 | 49.7 | 81.2 |
| ≥ 40 | 58.7 | 63.9 | 89.2 | 99.2 | | | | | | 99.8 | 83.5 | 64.8 | 88.4 |
| ≥ 35 | 75.6 | 83.9 | 96.6 | 100.0 | | | | | | 100.0 | 93.8 | 80.5 | 94.2 |
| ≥ 30 | 89.4 | 95.6 | 99.7 | | | | | | | | 99.0 | 93.2 | 98.1 |
| ≥ 25 | 96.5 | 99.6 | 100.0 | | | | | | | | 100.0 | 98.9 | 99.6 |
| ≥ 20 | 99.0 | 100.0 | | | | | | | | | | 99.8 | 99.9 |
| ≥ 15 | 99.8 | | | | | | | | | | | 100.0 | 100.0 |
| ≥ 10 | 100.0 | | | | | | | | | | | | 100.0 |
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| ≥ | | | | | | | | | | | | | |
| ≥ | | | | | | | | | | | | | |
| MEAN | 42.9 | 44.4 | 51.6 | 59.4 | 65.8 | 71.4 | 73.4 | 73.5 | 70.7 | 59.6 | 50.4 | 45.1 | 59.0 |
| S. D. | 11.034 | 9.928 | 9.804 | 8.666 | 5.650 | 3.899 | 2.701 | 2.955 | 5.323 | 8.158 | 10.388 | 11.130 | 13.910 |
| TOTAL OBS. | 620 | 565 | 620 | 600 | 620 | 600 | 620 | 620 | 599 | 620 | 600 | 620 | 7304 |

NAVWEASERVCOM

5721 Daily Temperatures Jan 1969

# DAILY TEMPERATURES

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 58-77 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 85 | | | | | .2 | 7.3 | 17.6 | 13.7 | 4.5 | .2 | | | 3.7 |
| ≥ 80 | | | | 3.7 | 13.7 | 56.8 | 76.8 | 79.2 | 51.1 | 5.5 | .3 | | 24.1 |
| ≥ 75 | .2 | .5 | 4.8 | 22.5 | 57.3 | 95.0 | 99.0 | 97.6 | 83.6 | 23.9 | 5.5 | 1.6 | 41.1 |
| ≥ 70 | 4.5 | 6.5 | 17.4 | 47.7 | 86.9 | 99.3 | 100.0 | 100.0 | 96.3 | 51.9 | 17.8 | 8.1 | 53.3 |
| ≥ 65 | 15.3 | 15.2 | 35.2 | 75.0 | 96.8 | 100.0 | | | 99.5 | 75.5 | 36.5 | 19.0 | 64.2 |
| ≥ 60 | 27.4 | 28.7 | 59.5 | 89.5 | 99.7 | | | | 99.7 | 91.8 | 53.3 | 31.9 | 73.7 |
| ≥ 55 | 40.8 | 45.3 | 75.5 | 97.5 | 100.0 | | | | 100.0 | 99.2 | 73.7 | 51.1 | 82.1 |
| ≥ 50 | 58.1 | 69.6 | 89.8 | 100.0 | | | | | | 100.0 | 88.2 | 68.5 | 89.6 |
| ≥ 45 | 74.5 | 84.2 | 97.3 | | | | | | | | 96.2 | 82.7 | 94.6 |
| ≥ 40 | 88.7 | 96.1 | 100.0 | | | | | | | | 99.3 | 95.0 | 98.3 |
| ≥ 35 | 96.5 | 99.5 | | | | | | | | | 99.8 | 99.2 | 99.6 |
| ≥ 30 | 98.9 | 100.0 | | | | | | | | | 100.0 | 99.5 | 99.9 |
| ≥ 25 | 99.5 | | | | | | | | | | | 100.0 | 100.0 |
| ≥ 20 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 52.3 | 54.3 | 61.0 | 68.9 | 74.8 | 80.0 | 81.6 | 81.5 | 78.7 | 69.5 | 60.6 | 54.9 | 68.2 |
| S. D. | 10.454 | 9.199 | 8.484 | 6.697 | 4.513 | 3.349 | 2.878 | 2.922 | 4.382 | 6.582 | 8.852 | 9.896 | 12.848 |
| TOTAL OBS. | 620 | 565 | 620 | 600 | 620 | 600 | 620 | 620 | 599 | 620 | 600 | 620 | 7304 |

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5721 Daily Temperatures Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

12959 — STATION
NEW ORLEANS, LOUISIANA — STATION NAME
1958-1977 — YEARS
JANUARY — MONTH

| DAY | MEAN TEMP AVERAGE °F | MEAN TEMP AVERAGE °C | MAXIMUM TEMP AVERAGE °F | MAXIMUM TEMP AVERAGE °C | MAXIMUM TEMP EXTREME °F | MAXIMUM TEMP EXTREME °C | MAXIMUM TEMP EXTREME DATE | MINIMUM TEMP AVERAGE °F | MINIMUM TEMP AVERAGE °C | MINIMUM TEMP EXTREME °F | MINIMUM TEMP EXTREME °C | MINIMUM TEMP EXTREME DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50.6 | 10.3 | 58.0 | 14.4 | 80 | 26.7 | 1966 | 43.1 | 6.2 | 23 | -5.0 | 1964 |
| 2 | 52.3 | 11.3 | 61.1 | 16.2 | 78 | 25.6 | 1965 | 43.5 | 6.4 | 27 | -2.8 | 1970 |
| 3 | 53.7 | 12.1 | 63.1 | 17.3 | 78 | 25.6 | 1975 | 44.3 | 6.8 | 31 | -0.6 | 1958 |
| 4 | 49.9 | 9.9 | 58.6 | 14.8 | 78 | 25.6 | 1972 | 41.1 | 5.1 | 28 | -2.2 | 1970 |
| 5 | 51.2 | 10.7 | 59.0 | 15.0 | 75 | 23.9 | 1962 | 43.4 | 6.3 | 25 | -3.9 | 1969 |
| 6 | 51.7 | 10.9 | 60.9 | 16.1 | 79 | 26.1 | 1968 | 42.4 | 5.8 | 23 | -5.0 | 1969 |
| 7 | 50.2 | 10.1 | 58.7 | 14.8 | 75 | 23.9 | 1965 | 41.6 | 5.3 | 23 | -5.0 | 1970 |
| 8 | 49.8 | 9.9 | 58.4 | 14.7 | 79 | 26.1 | 1975 | 41.1 | 5.1 | 20 | -6.7 | 1970 |
| 9 | 51.5 | 10.8 | 61.8 | 16.6 | 79 | 26.1 | 1972 | 41.1 | 5.1 | 23 | -5.0 | 1976* |
| 10 | 49.5 | 9.7 | 58.7 | 14.8 | 80 | 26.7 | 1974* | 40.2 | 4.6 | 16 | -8.9 | 1962 |
| 11 | 50.3 | 10.2 | 59.0 | 15.0 | 75 | 23.9 | 1974* | 41.6 | 5.3 | 14 | -10.0 | 1962 |
| 12 | 49.4 | 9.7 | 58.8 | 14.9 | 78 | 25.6 | 1960 | 40.0 | 4.4 | 18 | -7.8 | 1962 |
| 13 | 51.1 | 10.6 | 58.8 | 14.9 | 81 | 27.2 | 1972 | 43.5 | 6.4 | 18 | -7.8 | 1962 |
| 14 | 51.8 | 11.0 | 60.6 | 15.9 | 79 | 26.1 | 1971 | 42.9 | 6.1 | 25 | -3.9 | 1975 |
| 15 | 50.3 | 10.2 | 60.0 | 15.6 | 76 | 24.4 | 1974 | 40.7 | 4.8 | 25 | -3.9 | 1964 |
| 16 | 48.2 | 9.0 | 58.3 | 14.6 | 78 | 25.6 | 1974 | 38.1 | 3.4 | 26 | -3.3 | 1972 |
| 17 | 49.8 | 9.9 | 59.5 | 15.3 | 77 | 25.0 | 1974 | 40.1 | 4.5 | 22 | -5.6 | 1977 |
| 18 | 52.1 | 11.2 | 61.7 | 16.5 | 77 | 25.0 | 1974 | 42.5 | 5.8 | 26 | -3.3 | 1977 |
| 19 | 52.4 | 11.3 | 61.0 | 16.1 | 78 | 25.6 | 1972 | 43.7 | 6.5 | 21 | -6.1 | 1977 |
| 20 | 50.6 | 10.3 | 59.3 | 15.2 | 76 | 24.4 | 1974 | 41.8 | 5.4 | 22 | -5.6 | 1977 |
| 21 | 50.8 | 10.4 | 60.9 | 16.1 | 75 | 23.9 | 1974 | 40.7 | 4.8 | 28 | -2.2 | 1960 |
| 22 | 53.6 | 12.0 | 63.0 | 17.2 | 76 | 24.4 | 1971 | 44.2 | 6.8 | 26 | -3.3 | 1961 |
| 23 | 56.4 | 13.6 | 65.6 | 18.7 | 81 | 27.2 | 1972 | 47.3 | 8.5 | 23 | -5.0 | 1963 |
| 24 | 54.4 | 12.4 | 62.7 | 17.1 | 78 | 25.6 | 1974* | 46.1 | 7.8 | 15 | -9.4 | 1963 |
| 25 | 54.6 | 12.6 | 63.8 | 17.7 | 78 | 25.6 | 1971 | 45.3 | 7.4 | 23 | -5.0 | 1963 |
| 26 | 56.1 | 13.4 | 65.7 | 18.7 | 77 | 25.0 | 1967 | 46.5 | 8.1 | 34 | 1.1 | 1977 |
| 27 | 54.0 | 12.2 | 62.2 | 16.8 | 79 | 26.1 | 1972 | 45.7 | 7.6 | 26 | -3.3 | 1966 |
| 28 | 54.5 | 12.5 | 64.0 | 17.8 | 79 | 26.1 | 1974* | 44.9 | 7.2 | 29 | -1.7 | 1976 |
| 29 | 54.0 | 12.2 | 64.1 | 17.8 | 79 | 26.1 | 1975 | 43.9 | 6.6 | 24 | -4.4 | 1966 |
| 30 | 53.7 | 12.1 | 63.8 | 17.7 | 80 | 26.7 | 1971 | 43.6 | 6.4 | 19 | -7.2 | 1966 |
| 31 | 54.8 | 12.7 | 63.8 | 17.7 | 79 | 26.1 | 1975* | 45.8 | 7.7 | 29 | -1.7 | 1966* |
| Monthly | 52.0 | 11.1 | 61.2 | 16.2 | 81 | 27.2 | 1972 | 42.9 | 6.1 | 14 | -10.0 | 1962 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

| 12958 | NEW ORLEANS, LOUISIANA | 1958-1977 | FEBRUARY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

| DAY | MEAN TEMP AVERAGE °F | MEAN TEMP AVERAGE °C | MAXIMUM TEMP AVERAGE °F | MAXIMUM TEMP AVERAGE °C | MAXIMUM TEMP EXTREME °F | MAXIMUM TEMP EXTREME °C | MAXIMUM TEMP EXTREME DATE | MINIMUM TEMP AVERAGE °F | MINIMUM TEMP AVERAGE °C | MINIMUM TEMP EXTREME °F | MINIMUM TEMP EXTREME °C | MINIMUM TEMP EXTREME DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 57.4 | 14.1 | 65.6 | 18.7 | 81 | 27.2 | 1975 | 49.2 | 9.6 | 28 | -2.2 | 1977 |
| 2 | 56.0 | 13.3 | 64.5 | 18.1 | 82 | 27.8 | 1975 | 47.5 | 8.6 | 32 | 0.0 | 1976 |
| 3 | 50.9 | 10.5 | 59.4 | 15.2 | 79 | 26.1 | 1975 | 42.4 | 5.8 | 28 | -2.2 | 1970 |
| 4 | 49.9 | 9.9 | 59.9 | 15.5 | 77 | 25.0 | 1971 | 39.9 | 4.4 | 21 | -6.1 | 1970 |
| 5 | 53.0 | 11.7 | 63.8 | 17.7 | 78 | 25.6 | 1976 | 42.2 | 5.7 | 29 | -1.7 | 1966 |
| 6 | 54.6 | 12.6 | 63.9 | 17.7 | 78 | 25.6 | 1974 | 45.3 | 7.4 | 31 | -0.6 | 1977 |
| 7 | 51.8 | 11.0 | 61.5 | 16.4 | 75 | 23.9 | 1973* | 42.1 | 5.6 | 31 | -0.6 | 1977 |
| 8 | 50.0 | 10.0 | 60.2 | 15.7 | 77 | 25.0 | 1969 | 39.7 | 4.3 | 27 | -2.8 | 1968 |
| 9 | 52.2 | 11.2 | 61.5 | 16.4 | 77 | 25.0 | 1965 | 42.8 | 6.0 | 27 | -2.8 | 1971* |
| 10 | 53.4 | 11.9 | 64.4 | 18.0 | 79 | 26.1 | 1960 | 42.3 | 5.7 | 26 | -3.3 | 1971 |
| 11 | 55.3 | 12.9 | 66.0 | 18.9 | 79 | 26.1 | 1975 | 44.5 | 6.9 | 27 | -2.8 | 1973 |
| 12 | 52.5 | 11.4 | 62.5 | 16.9 | 75 | 23.9 | 1962 | 42.6 | 5.9 | 27 | -2.8 | 1968 |
| 13 | 52.9 | 11.6 | 62.8 | 17.1 | 81 | 27.2 | 1959 | 42.9 | 6.1 | 20 | -6.7 | 1958 |
| 14 | 53.6 | 12.0 | 64.5 | 18.1 | 80 | 26.7 | 1959 | 42.8 | 6.0 | 28 | -2.2 | 1971* |
| 15 | 56.1 | 13.4 | 65.4 | 18.6 | 76 | 24.4 | 1976 | 46.8 | 8.2 | 33 | 0.6 | 1965 |
| 16 | 54.0 | 12.2 | 61.2 | 16.2 | 78 | 25.6 | 1975 | 46.7 | 8.2 | 31 | -0.6 | 1958 |
| 17 | 54.0 | 12.2 | 61.9 | 16.6 | 78 | 25.6 | 1967 | 46.1 | 7.8 | 31 | -0.6 | 1958 |
| 18 | 56.1 | 13.4 | 65.0 | 18.3 | 82 | 27.8 | 1976 | 47.1 | 8.4 | 29 | -1.7 | 1958 |
| 19 | 54.3 | 12.4 | 63.6 | 17.6 | 82 | 27.8 | 1976 | 45.0 | 7.2 | 31 | -0.6 | 1968 |
| 20 | 53.7 | 12.1 | 63.3 | 17.4 | 78 | 25.6 | 1961 | 44.1 | 6.7 | 30 | -1.1 | 1964 |
| 21 | 55.9 | 13.3 | 65.2 | 18.4 | 77 | 25.0 | 1974 | 46.6 | 8.1 | 35 | 1.7 | 1959* |
| 22 | 53.6 | 12.0 | 61.5 | 16.4 | 80 | 26.7 | 1975 | 45.6 | 7.6 | 30 | -1.1 | 1963 |
| 23 | 53.8 | 12.1 | 63.7 | 17.6 | 79 | 26.1 | 1959 | 43.8 | 6.6 | 30 | -1.1 | 1964 |
| 24 | 53.6 | 12.0 | 63.6 | 17.6 | 80 | 26.7 | 1972 | 43.5 | 6.4 | 29 | -1.7 | 1968 |
| 25 | 53.1 | 11.7 | 63.3 | 17.4 | 81 | 27.2 | 1972 | 42.9 | 6.1 | 28 | -2.2 | 1968 |
| 26 | 54.9 | 12.7 | 65.1 | 18.4 | 84 | 28.9 | 1972 | 44.6 | 7.0 | 29 | -1.7 | 1974* |
| 27 | 56.1 | 13.4 | 66.3 | 19.1 | 81 | 27.2 | 1962 | 45.8 | 7.7 | 27 | -2.8 | 1974 |
| 28 | 58.9 | 14.9 | 69.6 | 20.9 | 80 | 26.7 | 1972 | 48.2 | 9.0 | 35 | 1.7 | 1977 |
| 29 | 56.1 | 13.4 | 65.2 | 18.4 | 78 | 25.6 | 1972 | 47.0 | 8.3 | 34 | 1.1 | 1968 |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Monthly | 54.0 | 12.2 | 63.6 | 17.6 | 84 | 28.9 | 1972 | 44.4 | 6.9 | 20 | -6.7 | 1958 |

*ALSO ON EARLIER YEARS

**DIRNAVOCEANMET—SMOS**

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

12958 — STATION
NEW ORLEANS, LOUISIANA — STATION NAME
1958-1977 — YEARS
MARCH — MONTH

| DAY | MEAN TEMP AVERAGE °F | MEAN TEMP AVERAGE °C | MAXIMUM TEMP AVERAGE °F | MAXIMUM TEMP AVERAGE °C | MAXIMUM TEMP EXTREME °F | MAXIMUM TEMP EXTREME °C | MAXIMUM TEMP EXTREME DATE | MINIMUM TEMP AVERAGE °F | MINIMUM TEMP AVERAGE °C | MINIMUM TEMP EXTREME °F | MINIMUM TEMP EXTREME °C | MINIMUM TEMP EXTREME DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 56.9 | 13.8 | 65.9 | 18.8 | 80 | 26.7 | 1976* | 48.0 | 8.9 | 28 | -2.2 | 1968 |
| 2 | 59.4 | 15.2 | 68.8 | 20.4 | 83 | 28.3 | 1976 | 50.0 | 10.0 | 37 | 2.8 | 1969 |
| 3 | 59.0 | 15.0 | 66.9 | 19.4 | 81 | 27.2 | 1976 | 51.1 | 10.6 | 39 | 3.9 | 1960 |
| 4 | 59.1 | 15.1 | 67.6 | 19.8 | 81 | 27.2 | 1976 | 50.5 | 10.3 | 31 | -0.6 | 1971 |
| 5 | 57.8 | 14.3 | 65.7 | 18.7 | 84 | 28.9 | 1976 | 49.8 | 9.9 | 33 | 0.6 | 1971 |
| 6 | 56.4 | 13.6 | 65.5 | 18.6 | 82 | 27.8 | 1974 | 47.2 | 8.4 | 30 | -1.1 | 1962 |
| 7 | 57.4 | 14.1 | 65.7 | 18.7 | 82 | 27.8 | 1974 | 49.0 | 9.4 | 35 | 1.7 | 1971* |
| 8 | 58.0 | 14.4 | 67.7 | 19.8 | 79 | 26.1 | 1974 | 48.3 | 9.1 | 29 | -1.7 | 1971 |
| 9 | 58.6 | 14.8 | 69.5 | 20.8 | 80 | 26.7 | 1962 | 47.6 | 8.7 | 34 | 1.1 | 1971 |
| 10 | 61.5 | 16.4 | 70.4 | 21.3 | 81 | 27.2 | 1967 | 52.6 | 11.4 | 33 | 0.6 | 1969 |
| 11 | 63.4 | 17.4 | 72.2 | 22.3 | 82 | 27.8 | 1974* | 54.5 | 12.5 | 35 | 1.7 | 1969 |
| 12 | 62.6 | 17.0 | 70.3 | 21.3 | 85 | 29.4 | 1974 | 54.9 | 12.7 | 35 | 1.7 | 1969 |
| 13 | 60.4 | 15.8 | 69.4 | 20.8 | 81 | 27.2 | 1971* | 51.3 | 10.7 | 31 | -0.6 | 1969 |
| 14 | 60.6 | 15.9 | 69.9 | 21.1 | 82 | 27.8 | 1973* | 51.3 | 10.7 | 33 | 0.6 | 1970* |
| 15 | 62.4 | 16.9 | 71.2 | 21.8 | 84 | 28.9 | 1967 | 53.6 | 12.0 | 38 | 3.3 | 1958 |
| 16 | 61.1 | 16.2 | 70.8 | 21.6 | 80 | 26.7 | 1977* | 51.3 | 10.7 | 39 | 3.9 | 1962 |
| 17 | 59.9 | 15.5 | 69.6 | 20.9 | 81 | 27.2 | 1977* | 50.2 | 10.1 | 36 | 2.2 | 1976 |
| 18 | 61.3 | 16.3 | 71.9 | 22.2 | 86 | 30.0 | 1977 | 50.7 | 10.4 | 40 | 4.4 | 1976* |
| 19 | 62.9 | 17.2 | 72.0 | 22.2 | 83 | 28.3 | 1963 | 53.8 | 12.1 | 38 | 3.3 | 1965 |
| 20 | 62.1 | 16.7 | 71.2 | 21.8 | 82 | 27.8 | 1974 | 52.9 | 11.6 | 33 | 0.6 | 1965 |
| 21 | 60.1 | 15.6 | 70.3 | 21.3 | 83 | 28.3 | 1962 | 50.0 | 10.0 | 35 | 1.7 | 1965 |
| 22 | 58.1 | 14.5 | 68.0 | 20.0 | 83 | 28.3 | 1975 | 48.1 | 8.9 | 33 | 0.6 | 1968 |
| 23 | 60.5 | 15.8 | 71.1 | 21.7 | 80 | 26.7 | 1975* | 49.8 | 9.9 | 31 | -0.6 | 1968 |
| 24 | 60.9 | 16.1 | 71.2 | 21.8 | 86 | 30.0 | 1975 | 50.6 | 10.3 | 30 | -1.1 | 1968 |
| 25 | 62.2 | 16.8 | 70.9 | 21.6 | 80 | 26.7 | 1965 | 53.5 | 11.9 | 33 | 0.6 | 1968 |
| 26 | 60.4 | 15.8 | 68.4 | 20.2 | 80 | 26.7 | 1976* | 52.4 | 11.3 | 37 | 2.8 | 1968 |
| 27 | 61.0 | 16.1 | 70.4 | 21.3 | 81 | 27.2 | 1972 | 51.7 | 10.9 | 36 | 2.2 | 1969* |
| 28 | 65.2 | 18.4 | 73.6 | 23.1 | 83 | 28.3 | 1972 | 56.7 | 13.7 | 40 | 4.4 | 1958 |
| 29 | 66.6 | 19.2 | 75.2 | 24.0 | 84 | 28.9 | 1976 | 58.0 | 14.4 | 45 | 7.2 | 1969 |
| 30 | 65.1 | 18.4 | 73.4 | 23.0 | 84 | 28.9 | 1977* | 56.7 | 13.7 | 39 | 3.9 | 1964 |
| 31 | 62.4 | 16.9 | 73.1 | 22.8 | 84 | 28.9 | 1974 | 51.7 | 10.9 | 36 | 2.2 | 1964 |
| Monthly | 60.8 | 16.0 | 70.0 | 21.1 | 86 | 30.0 | 1977* | 51.6 | 10.9 | 28 | -2.2 | 1968 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

12958 — STATION | NEW ORLEANS, LOUISIANA — STATION NAME | 1958-1977 — YEARS | APRIL — MONTH

| DAY | MEAN TEMP AVERAGE °F | MEAN TEMP AVERAGE °C | MAXIMUM TEMP AVERAGE °F | MAXIMUM TEMP AVERAGE °C | MAXIMUM TEMP EXTREME °F | MAXIMUM TEMP EXTREME °C | MAXIMUM TEMP EXTREME DATE | MINIMUM TEMP AVERAGE °F | MINIMUM TEMP AVERAGE °C | MINIMUM TEMP EXTREME °F | MINIMUM TEMP EXTREME °C | MINIMUM TEMP EXTREME DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 64.4 | 18.0 | 74.6 | 23.7 | 82 | 27.8 | 1977* | 54.3 | 12.4 | 41 | 5.0 | 1972* |
| 2 | 64.7 | 18.2 | 75.4 | 24.1 | 83 | 28.3 | 1977* | 54.0 | 12.2 | 40 | 4.4 | 1961 |
| 3 | 65.7 | 18.7 | 74.8 | 23.8 | 84 | 28.9 | 1974 | 56.6 | 13.7 | 37 | 2.8 | 1971 |
| 4 | 64.6 | 18.1 | 74.0 | 23.3 | 84 | 28.9 | 1967 | 55.1 | 12.8 | 43 | 6.1 | 1975 |
| 5 | 63.6 | 17.6 | 73.2 | 22.9 | 82 | 27.8 | 1967* | 53.9 | 12.2 | 42 | 5.6 | 1973 |
| 6 | 63.5 | 17.5 | 73.9 | 23.3 | 81 | 27.2 | 1967* | 53.0 | 11.7 | 40 | 4.4 | 1977 |
| 7 | 65.2 | 18.4 | 75.3 | 24.1 | 83 | 28.3 | 1970* | 55.1 | 12.8 | 38 | 3.3 | 1971 |
| 8 | 66.1 | 18.9 | 76.4 | 24.7 | 85 | 29.4 | 1976* | 55.8 | 13.2 | 36 | 2.2 | 1971 |
| 9 | 65.9 | 18.8 | 75.2 | 24.0 | 83 | 28.3 | 1977* | 56.5 | 13.6 | 39 | 3.9 | 1971 |
| 10 | 65.2 | 18.4 | 74.4 | 23.6 | 86 | 30.0 | 1963 | 55.9 | 13.3 | 42 | 5.6 | 1973 |
| 11 | 66.5 | 19.2 | 76.6 | 24.8 | 86 | 30.0 | 1963 | 56.3 | 13.5 | 37 | 2.8 | 1973 |
| 12 | 67.7 | 19.8 | 77.2 | 25.1 | 87 | 30.6 | 1976 | 58.1 | 14.5 | 45 | 7.2 | 1973 |
| 13 | 68.1 | 20.1 | 77.2 | 25.1 | 85 | 29.4 | 1965 | 58.9 | 14.9 | 42 | 5.6 | 1961 |
| 14 | 68.0 | 20.0 | 77.3 | 25.2 | 86 | 30.0 | 1976 | 58.7 | 14.8 | 46 | 7.8 | 1959 |
| 15 | 67.8 | 19.9 | 77.5 | 25.3 | 85 | 29.4 | 1972 | 58.1 | 14.5 | 49 | 9.4 | 1959 |
| 16 | 67.3 | 19.6 | 76.9 | 24.9 | 87 | 30.6 | 1972 | 57.7 | 14.3 | 43 | 6.1 | 1961 |
| 17 | 68.9 | 20.5 | 78.0 | 25.6 | 88 | 31.1 | 1970 | 59.8 | 15.4 | 43 | 6.1 | 1962 |
| 18 | 70.2 | 21.2 | 78.8 | 26.0 | 85 | 29.4 | 1970* | 61.6 | 16.4 | 48 | 8.9 | 1974* |
| 19 | 70.7 | 21.5 | 79.7 | 26.5 | 84 | 28.9 | 1959 | 61.7 | 16.5 | 50 | 10.0 | 1974* |
| 20 | 71.0 | 21.7 | 79.4 | 26.3 | 86 | 30.0 | 1967 | 62.5 | 16.9 | 50 | 10.0 | 1969* |
| 21 | 71.6 | 22.0 | 79.6 | 26.4 | 87 | 30.6 | 1976 | 63.7 | 17.6 | 54 | 12.2 | 1962 |
| 22 | 72.9 | 22.7 | 81.4 | 27.4 | 88 | 31.1 | 1970 | 64.3 | 17.9 | 55 | 12.8 | 1969 |
| 23 | 72.8 | 22.7 | 80.7 | 27.1 | 86 | 30.0 | 1976* | 64.9 | 18.3 | 48 | 8.9 | 1959 |
| 24 | 71.7 | 22.1 | 80.3 | 26.8 | 87 | 30.6 | 1958 | 63.1 | 17.3 | 47 | 8.3 | 1959 |
| 25 | 71.5 | 21.9 | 80.8 | 27.1 | 86 | 30.0 | 1975 | 62.1 | 16.7 | 45 | 7.2 | 1969 |
| 26 | 72.2 | 22.3 | 80.9 | 27.2 | 86 | 30.0 | 1971* | 63.4 | 17.4 | 48 | 8.9 | 1977 |
| 27 | 72.1 | 22.3 | 80.6 | 27.0 | 86 | 30.0 | 1964 | 63.6 | 17.6 | 48 | 8.9 | 1977 |
| 28 | 72.7 | 22.6 | 81.2 | 27.3 | 87 | 30.6 | 1971* | 64.2 | 17.9 | 47 | 8.3 | 1973 |
| 29 | 72.5 | 22.5 | 81.0 | 27.2 | 88 | 31.1 | 1970 | 64.1 | 17.8 | 49 | 9.4 | 1965 |
| 30 | 72.7 | 22.6 | 81.0 | 27.2 | 88 | 31.1 | 1970 | 64.4 | 18.0 | 45 | 7.2 | 1965 |
| 31 | | | | | | | | | | | | |
| Monthly | 68.6 | 20.3 | 77.8 | 25.4 | 88 | 31.1 | 1970 | 59.4 | 15.2 | 36 | 2.2 | 1971 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

12958 — STATION
NEW ORLEANS, LOUISIANA — STATION NAME
1958-1977 — YEARS
MAY — MONTH

| DAY | MEAN TEMP AVERAGE °F | MEAN TEMP AVERAGE °C | MAXIMUM TEMP AVERAGE °F | MAXIMUM TEMP AVERAGE °C | MAXIMUM TEMP EXTREME °F | MAXIMUM TEMP EXTREME °C | MAXIMUM TEMP EXTREME DATE | MINIMUM TEMP AVERAGE °F | MINIMUM TEMP AVERAGE °C | MINIMUM TEMP EXTREME °F | MINIMUM TEMP EXTREME °C | MINIMUM TEMP EXTREME DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 72.0 | 22.2 | 80.2 | 26.8 | 92 | 33.3 | 1970 | 63.8 | 17.7 | 49 | 9.4 | 1965 |
| 2 | 70.7 | 21.5 | 79.6 | 26.4 | 86 | 30.0 | 1964 | 61.7 | 16.5 | 51 | 10.6 | 1965 |
| 3 | 70.5 | 21.4 | 79.2 | 26.2 | 89 | 31.7 | 1974 | 61.7 | 16.5 | 51 | 10.6 | 1970 |
| 4 | 71.1 | 21.7 | 80.2 | 26.8 | 88 | 31.1 | 1974 | 61.9 | 16.6 | 49 | 9.4 | 1970 |
| 5 | 71.4 | 21.9 | 80.6 | 27.0 | 86 | 30.0 | 1975 | 62.3 | 16.8 | 52 | 11.1 | 1973* |
| 6 | 73.8 | 23.2 | 81.8 | 27.7 | 89 | 31.7 | 1976 | 65.8 | 18.8 | 56 | 13.3 | 1972 |
| 7 | 73.7 | 23.2 | 82.0 | 27.8 | 88 | 31.1 | 1970 | 65.3 | 18.5 | 49 | 9.4 | 1958 |
| 8 | 74.4 | 23.6 | 82.8 | 28.2 | 91 | 32.8 | 1977 | 65.9 | 18.8 | 55 | 12.8 | 1960 |
| 9 | 73.7 | 23.2 | 82.8 | 28.2 | 90 | 32.2 | 1974 | 64.5 | 18.1 | 53 | 11.7 | 1969 |
| 10 | 72.9 | 22.7 | 81.6 | 27.6 | 87 | 30.6 | 1964 | 64.3 | 17.9 | 49 | 9.4 | 1969 |
| 11 | 74.2 | 23.4 | 83.0 | 28.3 | 88 | 31.1 | 1971 | 65.4 | 18.6 | 52 | 11.1 | 1961 |
| 12 | 74.0 | 23.3 | 82.0 | 27.8 | 88 | 31.1 | 1976* | 66.0 | 18.9 | 50 | 10.0 | 1960 |
| 13 | 73.6 | 23.1 | 82.6 | 28.1 | 90 | 32.2 | 1968 | 64.6 | 18.1 | 47 | 8.3 | 1960 |
| 14 | 74.4 | 23.6 | 83.1 | 28.4 | 90 | 32.2 | 1968 | 65.6 | 18.7 | 51 | 10.6 | 1960 |
| 15 | 73.3 | 22.9 | 82.0 | 27.8 | 88 | 31.1 | 1974 | 64.5 | 18.1 | 56 | 13.3 | 1973 |
| 16 | 73.4 | 23.0 | 82.8 | 28.2 | 89 | 31.7 | 1974 | 63.9 | 17.7 | 50 | 10.0 | 1973 |
| 17 | 74.2 | 23.4 | 83.6 | 28.7 | 89 | 31.7 | 1974 | 64.8 | 18.2 | 54 | 12.2 | 1973 |
| 18 | 74.7 | 23.7 | 83.6 | 28.7 | 89 | 31.7 | 1974* | 65.8 | 18.8 | 59 | 15.0 | 1964 |
| 19 | 75.5 | 24.2 | 84.9 | 29.4 | 92 | 33.3 | 1962 | 66.0 | 18.9 | 54 | 12.2 | 1976 |
| 20 | 75.5 | 24.2 | 84.3 | 29.1 | 92 | 33.3 | 1962 | 66.6 | 19.2 | 58 | 14.4 | 1976 |
| 21 | 75.5 | 24.2 | 83.3 | 28.5 | 91 | 32.8 | 1964 | 67.7 | 19.8 | 56 | 13.3 | 1968 |
| 22 | 76.0 | 24.4 | 84.5 | 29.2 | 91 | 32.8 | 1969 | 67.5 | 19.7 | 57 | 13.9 | 1968 |
| 23 | 76.7 | 24.8 | 85.5 | 29.7 | 90 | 32.2 | 1972* | 67.8 | 19.9 | 61 | 16.1 | 1967 |
| 24 | 77.1 | 25.1 | 85.9 | 29.9 | 90 | 32.2 | 1974* | 68.4 | 20.2 | 56 | 13.3 | 1967 |
| 25 | 78.0 | 25.6 | 86.9 | 30.5 | 92 | 33.3 | 1974 | 69.0 | 20.6 | 62 | 16.7 | 1967 |
| 26 | 77.4 | 25.2 | 86.0 | 30.0 | 91 | 32.8 | 1964 | 68.7 | 20.4 | 60 | 15.6 | 1967 |
| 27 | 77.5 | 25.3 | 86.0 | 30.0 | 92 | 33.3 | 1977 | 69.0 | 20.6 | 53 | 11.7 | 1961 |
| 28 | 76.6 | 24.8 | 85.8 | 29.9 | 92 | 33.3 | 1977 | 67.4 | 19.7 | 51 | 10.6 | 1961 |
| 29 | 76.7 | 24.8 | 85.6 | 29.8 | 93 | 33.9 | 1977 | 67.7 | 19.8 | 59 | 15.0 | 1961 |
| 30 | 76.8 | 24.9 | 85.7 | 29.8 | 97 | 36.1 | 1977 | 67.8 | 19.9 | 58 | 14.4 | 1971 |
| 31 | 77.0 | 25.0 | 85.4 | 29.7 | 94 | 34.4 | 1977 | 68.6 | 20.3 | 62 | 16.7 | 1971* |
| Monthly | 74.6 | 23.7 | 83.4 | 28.6 | 97 | 36.1 | 1977 | 65.8 | 18.8 | 47 | 8.3 | 1960 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

12958 — STATION
NEW ORLEANS, LOUISIANA — STATION NAME
1958-1977 — YEARS
JUNE — MONTH

| DAY | MEAN TEMP AVERAGE °F | MEAN TEMP AVERAGE °C | MAXIMUM TEMP AVERAGE °F | MAXIMUM TEMP AVERAGE °C | MAXIMUM TEMP EXTREME °F | MAXIMUM TEMP EXTREME °C | MAXIMUM TEMP EXTREME DATE | MINIMUM TEMP AVERAGE °F | MINIMUM TEMP AVERAGE °C | MINIMUM TEMP EXTREME °F | MINIMUM TEMP EXTREME °C | MINIMUM TEMP EXTREME DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 76.6 | 24.8 | 85.5 | 29.7 | 94 | 34.4 | 1977 | 67.8 | 19.9 | 57 | 13.9 | 1966 |
| 2 | 77.0 | 25.0 | 85.9 | 29.9 | 93 | 33.9 | 1977 | 68.0 | 20.0 | 56 | 13.3 | 1966 |
| 3 | 77.4 | 25.2 | 86.9 | 30.5 | 94 | 34.4 | 1977 | 68.0 | 20.0 | 61 | 16.1 | 1964 |
| 4 | 78.0 | 25.6 | 87.3 | 30.7 | 96 | 35.6 | 1977 | 68.8 | 20.4 | 61 | 16.1 | 1966 |
| 5 | 78.8 | 26.0 | 87.8 | 31.0 | 94 | 34.4 | 1977 | 69.7 | 20.9 | 65 | 18.3 | 1972* |
| 6 | 78.7 | 25.9 | 87.2 | 30.7 | 96 | 35.6 | 1977 | 70.2 | 21.2 | 64 | 17.8 | 1972 |
| 7 | 78.8 | 26.0 | 87.7 | 30.9 | 98 | 36.7 | 1972 | 69.9 | 21.1 | 64 | 17.8 | 1966 |
| 8 | 79.0 | 26.1 | 87.7 | 30.9 | 95 | 35.0 | 1972 | 70.3 | 21.3 | 63 | 17.2 | 1977 |
| 9 | 80.0 | 26.7 | 88.8 | 31.6 | 95 | 35.0 | 1963 | 71.2 | 21.8 | 64 | 17.8 | 1976 |
| 10 | 80.3 | 26.8 | 88.9 | 31.6 | 95 | 35.0 | 1966 | 71.7 | 22.1 | 67 | 19.4 | 1976 |
| 11 | 79.9 | 26.6 | 87.7 | 30.9 | 95 | 35.0 | 1977 | 72.0 | 22.2 | 65 | 18.3 | 1960 |
| 12 | 79.9 | 26.6 | 88.3 | 31.3 | 96 | 35.6 | 1971 | 71.6 | 22.0 | 64 | 17.8 | 1960 |
| 13 | 80.1 | 26.7 | 87.6 | 30.9 | 96 | 35.6 | 1971 | 72.6 | 22.6 | 63 | 17.2 | 1960 |
| 14 | 81.0 | 27.2 | 88.5 | 31.4 | 95 | 35.0 | 1971* | 73.4 | 23.0 | 66 | 18.9 | 1968 |
| 15 | 80.7 | 27.1 | 88.9 | 31.6 | 95 | 35.0 | 1963 | 72.6 | 22.6 | 67 | 19.4 | 1965 |
| 16 | 80.7 | 27.1 | 88.7 | 31.5 | 95 | 35.0 | 1974* | 72.6 | 22.6 | 68 | 20.0 | 1975 |
| 17 | 81.0 | 27.2 | 88.7 | 31.5 | 93 | 33.9 | 1977* | 73.2 | 22.9 | 68 | 20.0 | 1969* |
| 18 | 80.2 | 26.8 | 87.9 | 31.1 | 92 | 33.3 | 1977* | 72.5 | 22.5 | 69 | 20.6 | 1968 |
| 19 | 79.2 | 26.2 | 87.4 | 30.8 | 94 | 34.4 | 1977 | 70.9 | 21.6 | 53 | 11.7 | 1963 |
| 20 | 79.8 | 26.6 | 87.8 | 31.0 | 95 | 35.0 | 1972 | 71.7 | 22.1 | 59 | 15.0 | 1965 |
| 21 | 80.1 | 26.7 | 88.9 | 31.6 | 96 | 35.6 | 1977 | 71.2 | 21.8 | 65 | 18.3 | 1976* |
| 22 | 80.0 | 26.7 | 88.2 | 31.2 | 95 | 35.0 | 1977* | 71.8 | 22.1 | 65 | 18.3 | 1966 |
| 23 | 80.9 | 27.2 | 88.8 | 31.6 | 95 | 35.0 | 1977* | 73.0 | 22.8 | 68 | 20.0 | 1966 |
| 24 | 81.1 | 27.3 | 88.7 | 31.5 | 96 | 35.6 | 1977 | 73.4 | 23.0 | 69 | 20.6 | 1974* |
| 25 | 80.8 | 27.1 | 88.4 | 31.3 | 96 | 35.6 | 1977 | 73.1 | 22.8 | 64 | 17.8 | 1974 |
| 26 | 80.7 | 27.1 | 88.5 | 31.4 | 96 | 35.6 | 1977 | 73.0 | 22.8 | 64 | 17.8 | 1974 |
| 27 | 80.2 | 26.8 | 88.4 | 31.3 | 98 | 36.7 | 1967 | 72.0 | 22.2 | 60 | 15.6 | 1974 |
| 28 | 80.5 | 26.9 | 89.2 | 31.8 | 95 | 35.0 | 1969 | 71.7 | 22.1 | 61 | 16.1 | 1974* |
| 29 | 80.8 | 27.1 | 89.1 | 31.7 | 96 | 35.6 | 1969 | 72.4 | 22.4 | 63 | 17.2 | 1958 |
| 30 | 80.7 | 27.1 | 89.3 | 31.8 | 95 | 35.0 | 1977 | 72.0 | 22.2 | 65 | 18.3 | 1974 |
| 31 | | | | | | | | | | | | |
| Monthly | 79.8 | 26.6 | 88.1 | 31.2 | 98 | 36.7 | 1972* | 71.4 | 21.9 | 53 | 11.7 | 1963 |

*ALSO ON EARLIER YEARS

**DIRNAVOCEANMET—SMOS**

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

12958 — STATION
NEW ORLEANS, LOUISIANA — STATION NAME
1958-1977 — YEARS
JULY — MONTH

| DAY | MEAN TEMP AVERAGE °F | MEAN TEMP AVERAGE °C | MAXIMUM TEMP AVERAGE °F | MAXIMUM TEMP AVERAGE °C | MAXIMUM TEMP EXTREME °F | MAXIMUM TEMP EXTREME °C | MAXIMUM TEMP EXTREME DATE | MINIMUM TEMP AVERAGE °F | MINIMUM TEMP AVERAGE °C | MINIMUM TEMP EXTREME °F | MINIMUM TEMP EXTREME °C | MINIMUM TEMP EXTREME DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 81.2 | 27.3 | 89.7 | 32.1 | 95 | 35.0 | 1977 | 72.7 | 22.6 | 69 | 20.6 | 1974 |
| 2 | 81.7 | 27.6 | 90.0 | 32.2 | 96 | 35.6 | 1977 | 73.4 | 23.0 | 68 | 20.0 | 1961 |
| 3 | 81.6 | 27.6 | 89.8 | 32.1 | 96 | 35.6 | 1970* | 73.4 | 23.0 | 70 | 21.1 | 1966* |
| 4 | 81.3 | 27.4 | 89.7 | 32.1 | 94 | 34.4 | 1977* | 72.9 | 22.7 | 69 | 20.6 | 1970 |
| 5 | 81.1 | 27.3 | 89.4 | 31.9 | 94 | 34.4 | 1975* | 72.8 | 22.7 | 67 | 19.4 | 1968 |
| 6 | 80.8 | 27.1 | 88.2 | 31.2 | 95 | 35.0 | 1977 | 73.3 | 22.9 | 67 | 19.4 | 1968 |
| 7 | 81.2 | 27.3 | 89.0 | 31.7 | 95 | 35.0 | 1977 | 73.4 | 23.0 | 69 | 20.6 | 1974* |
| 8 | 81.3 | 27.4 | 89.8 | 32.1 | 95 | 35.0 | 1969 | 72.8 | 22.7 | 67 | 19.4 | 1972 |
| 9 | 81.0 | 27.2 | 88.5 | 31.4 | 97 | 36.1 | 1973 | 73.5 | 23.1 | 69 | 20.6 | 1972 |
| 10 | 81.0 | 27.2 | 88.7 | 31.5 | 96 | 35.6 | 1973* | 73.2 | 22.9 | 67 | 19.4 | 1972 |
| 11 | 80.9 | 27.2 | 88.2 | 31.2 | 97 | 36.1 | 1962 | 73.6 | 23.1 | 67 | 19.4 | 1968 |
| 12 | 81.6 | 27.6 | 90.0 | 32.2 | 98 | 36.7 | 1960 | 73.2 | 22.9 | 67 | 19.4 | 1972* |
| 13 | 80.9 | 27.2 | 89.2 | 31.8 | 96 | 35.6 | 1974 | 72.5 | 22.5 | 66 | 18.9 | 1972 |
| 14 | 81.2 | 27.3 | 89.1 | 31.7 | 98 | 36.7 | 1977 | 73.2 | 22.9 | 68 | 20.0 | 1972 |
| 15 | 80.9 | 27.2 | 88.9 | 31.6 | 96 | 35.6 | 1976 | 72.8 | 22.7 | 63 | 17.2 | 1967 |
| 16 | 81.2 | 27.3 | 89.3 | 31.8 | 98 | 36.7 | 1976 | 73.0 | 22.8 | 62 | 16.7 | 1967 |
| 17 | 80.7 | 27.1 | 88.3 | 31.3 | 96 | 35.6 | 1973 | 73.1 | 22.8 | 66 | 18.9 | 1967 |
| 18 | 81.0 | 27.2 | 89.0 | 31.7 | 96 | 35.6 | 1976 | 73.0 | 22.8 | 67 | 19.4 | 1965 |
| 19 | 81.6 | 27.6 | 89.5 | 31.9 | 94 | 34.4 | 1976* | 73.7 | 23.2 | 69 | 20.6 | 1968 |
| 20 | 81.6 | 27.6 | 89.7 | 32.1 | 95 | 35.0 | 1962 | 73.4 | 23.0 | 69 | 20.6 | 1968 |
| 21 | 81.2 | 27.3 | 88.8 | 31.6 | 97 | 36.1 | 1962 | 73.6 | 23.1 | 70 | 21.1 | 1968 |
| 22 | 81.0 | 27.2 | 89.1 | 31.7 | 98 | 36.7 | 1960 | 72.9 | 22.7 | 69 | 20.6 | 1968 |
| 23 | 81.7 | 27.6 | 89.5 | 31.9 | 98 | 36.7 | 1976 | 74.0 | 23.3 | 70 | 21.1 | 1968* |
| 24 | 81.4 | 27.4 | 88.8 | 31.6 | 97 | 36.1 | 1976 | 74.0 | 23.3 | 68 | 20.0 | 1968 |
| 25 | 81.5 | 27.5 | 89.2 | 31.8 | 96 | 35.6 | 1976 | 73.8 | 23.2 | 70 | 21.1 | 1972* |
| 26 | 81.9 | 27.7 | 89.5 | 31.9 | 96 | 35.6 | 1976* | 74.2 | 23.4 | 69 | 20.6 | 1968 |
| 27 | 81.9 | 27.7 | 89.4 | 31.9 | 96 | 35.6 | 1976* | 74.4 | 23.6 | 69 | 20.6 | 1968 |
| 28 | 82.0 | 27.8 | 90.3 | 32.4 | 97 | 36.1 | 1960 | 73.7 | 23.2 | 69 | 20.6 | 1961 |
| 29 | 82.2 | 27.9 | 90.5 | 32.5 | 97 | 36.1 | 1960 | 73.8 | 23.2 | 68 | 20.0 | 1968* |
| 30 | 81.4 | 27.4 | 88.9 | 31.6 | 98 | 36.7 | 1960 | 73.9 | 23.3 | 69 | 20.6 | 1968* |
| 31 | 81.2 | 27.3 | 88.8 | 31.6 | 96 | 35.6 | 1962 | 73.5 | 23.1 | 64 | 17.8 | 1972 |
| Monthly | 81.3 | 27.4 | 89.3 | 31.8 | 98 | 36.7 | 1977* | 73.4 | 23.0 | 62 | 16.7 | 1967 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

| 12958 | NEW ORLEANS, LOUISIANA | 1958-1977 | AUGUST |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

| | MEAN TEMP | | MAXIMUM TEMP | | | | | MINIMUM TEMP | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AVERAGE | | AVERAGE | | EXTREME | | | AVERAGE | | EXTREME | | |
| DAY | °F | °C | °F | °C | °F | °C | DATE | °F | °C | °F | °C | DATE |
| 1 | 81.6 | 27.6 | 89.9 | 32.2 | 97 | 36.1 | 1976 | 73.4 | 23.0 | 67 | 19.4 | 1972 |
| 2 | 81.3 | 27.4 | 89.1 | 31.7 | 93 | 33.9 | 1977* | 73.5 | 23.1 | 69 | 20.6 | 1968 |
| 3 | 81.1 | 27.3 | 88.4 | 31.3 | 94 | 34.4 | 1964 | 73.7 | 23.2 | 68 | 20.0 | 1965 |
| 4 | 81.0 | 27.2 | 88.7 | 31.5 | 95 | 35.0 | 1964 | 73.2 | 22.9 | 68 | 20.0 | 1965 |
| 5 | 81.0 | 27.2 | 88.5 | 31.4 | 94 | 34.4 | 1976 | 73.5 | 23.1 | 68 | 20.0 | 1965 |
| 6 | 81.8 | 27.7 | 89.7 | 32.1 | 94 | 34.4 | 1976* | 73.9 | 23.3 | 70 | 21.1 | 1966 |
| 7 | 82.2 | 27.9 | 90.0 | 32.2 | 99 | 37.2 | 1976 | 74.3 | 23.5 | 69 | 20.6 | 1975 |
| 8 | 82.0 | 27.8 | 89.7 | 32.1 | 96 | 35.6 | 1962 | 74.2 | 23.4 | 70 | 21.1 | 1975* |
| 9 | 81.4 | 27.4 | 89.3 | 31.8 | 94 | 34.4 | 1974* | 73.5 | 23.1 | 67 | 19.4 | 1976 |
| 10 | 81.8 | 27.7 | 89.9 | 32.2 | 96 | 35.6 | 1962 | 73.7 | 23.2 | 67 | 19.4 | 1976 |
| 11 | 80.7 | 27.1 | 88.5 | 31.4 | 93 | 33.9 | 1976* | 72.9 | 22.7 | 67 | 19.4 | 1976 |
| 12 | 81.1 | 27.3 | 89.1 | 31.7 | 94 | 34.4 | 1974* | 73.2 | 22.9 | 65 | 18.3 | 1967 |
| 13 | 81.3 | 27.4 | 89.5 | 31.9 | 94 | 34.4 | 1976* | 73.2 | 22.9 | 69 | 20.6 | 1967 |
| 14 | 81.3 | 27.4 | 89.1 | 31.7 | 95 | 35.0 | 1976 | 73.5 | 23.1 | 69 | 20.6 | 1967 |
| 15 | 81.4 | 27.4 | 89.1 | 31.7 | 96 | 35.6 | 1976* | 73.6 | 23.1 | 69 | 20.6 | 1965 |
| 16 | 81.3 | 27.4 | 88.8 | 31.6 | 94 | 34.4 | 1976* | 73.8 | 23.2 | 69 | 20.6 | 1965 |
| 17 | 81.2 | 27.3 | 89.1 | 31.7 | 97 | 36.1 | 1960 | 73.3 | 22.9 | 65 | 18.3 | 1965 |
| 18 | 81.9 | 27.7 | 90.5 | 32.5 | 96 | 35.6 | 1973 | 73.2 | 22.9 | 70 | 21.1 | 1968 |
| 19 | 81.6 | 27.6 | 89.4 | 31.9 | 95 | 35.0 | 1973 | 73.7 | 23.2 | 67 | 19.4 | 1968 |
| 20 | 81.7 | 27.6 | 89.6 | 32.0 | 99 | 37.2 | 1974 | 73.7 | 23.2 | 67 | 19.4 | 1961 |
| 21 | 81.7 | 27.6 | 89.6 | 32.0 | 96 | 35.6 | 1974* | 73.7 | 23.2 | 69 | 20.6 | 1961 |
| 22 | 81.3 | 27.4 | 88.9 | 31.6 | 94 | 34.4 | 1976* | 73.6 | 23.1 | 68 | 20.0 | 1961 |
| 23 | 81.8 | 27.7 | 89.7 | 32.1 | 95 | 35.0 | 1976 | 73.9 | 23.3 | 69 | 20.6 | 1961 |
| 24 | 80.1 | 26.7 | 87.2 | 30.7 | 97 | 36.1 | 1976 | 72.9 | 22.7 | 69 | 20.6 | 1973* |
| 25 | 80.4 | 26.9 | 87.8 | 31.0 | 98 | 36.7 | 1976 | 73.0 | 22.8 | 65 | 18.3 | 1966 |
| 26 | 81.1 | 27.3 | 88.9 | 31.6 | 95 | 35.0 | 1963 | 73.3 | 22.9 | 66 | 18.9 | 1966 |
| 27 | 80.5 | 26.9 | 88.4 | 31.3 | 96 | 35.6 | 1963 | 72.5 | 22.5 | 61 | 16.1 | 1958 |
| 28 | 80.6 | 27.0 | 88.2 | 31.2 | 94 | 34.4 | 1963* | 72.9 | 22.7 | 63 | 17.2 | 1968 |
| 29 | 80.9 | 27.2 | 88.8 | 31.6 | 96 | 35.6 | 1960 | 73.0 | 22.8 | 65 | 18.3 | 1968 |
| 30 | 81.1 | 27.3 | 89.3 | 31.8 | 95 | 35.0 | 1960 | 72.9 | 22.7 | 63 | 17.2 | 1968 |
| 31 | 82.0 | 27.8 | 90.2 | 32.3 | 95 | 35.0 | 1964* | 73.7 | 23.2 | 63 | 17.2 | 1968 |
| Monthly | 81.3 | 27.4 | 89.1 | 31.7 | 99 | 37.2 | 1976* | 73.5 | 23.1 | 61 | 16.1 | 1958 |

*ALSO ON EARLIER YEARS

**DIRNAVOCEANMET—SMOS**

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

| 12958 | NEW ORLEANS, LOUISIANA | 1958-1977 | SEPTEMBER |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

| DAY | MEAN TEMP AVERAGE °F | MEAN TEMP AVERAGE °C | MAXIMUM TEMP AVERAGE °F | MAXIMUM TEMP AVERAGE °C | MAXIMUM TEMP EXTREME °F | MAXIMUM TEMP EXTREME °C | MAXIMUM TEMP EXTREME DATE | MINIMUM TEMP AVERAGE °F | MINIMUM TEMP AVERAGE °C | MINIMUM TEMP EXTREME °F | MINIMUM TEMP EXTREME °C | MINIMUM TEMP EXTREME DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 81.3 | 27.4 | 89.3 | 31.8 | 95 | 35.0 | 1964 | 73.3 | 22.9 | 63 | 17.2 | 1968 |
| 2 | 81.3 | 27.4 | 89.4 | 31.9 | 96 | 35.6 | 1964 | 73.2 | 22.9 | 61 | 16.1 | 1967 |
| 3 | 80.7 | 27.1 | 87.8 | 31.0 | 96 | 35.6 | 1976 | 73.7 | 23.2 | 68 | 20.0 | 1974 |
| 4 | 79.9 | 26.6 | 87.1 | 30.6 | 94 | 34.4 | 1963 | 72.8 | 22.7 | 63 | 17.2 | 1974 |
| 5 | 79.9 | 26.6 | 86.6 | 30.3 | 96 | 35.6 | 1960 | 73.2 | 22.9 | 62 | 16.7 | 1974 |
| 6 | 80.3 | 26.8 | 87.2 | 30.7 | 95 | 35.0 | 1960 | 73.5 | 23.1 | 70 | 21.1 | 1968 |
| 7 | 80.6 | 27.0 | 87.4 | 30.8 | 95 | 35.0 | 1960 | 73.8 | 23.2 | 68 | 20.0 | 1968 |
| 8 | 80.5 | 26.9 | 87.6 | 30.9 | 93 | 33.9 | 1977 | 73.4 | 23.0 | 66 | 18.9 | 1965 |
| 9 | 80.6 | 27.0 | 88.0 | 31.1 | 96 | 35.6 | 1976 | 73.2 | 22.9 | 67 | 19.4 | 1965* |
| 10 | 79.7 | 26.5 | 86.9 | 30.5 | 92 | 33.3 | 1973* | 72.4 | 22.4 | 65 | 18.3 | 1969* |
| 11 | 79.5 | 26.4 | 87.0 | 30.6 | 93 | 33.9 | 1963 | 71.9 | 22.2 | 60 | 15.6 | 1976 |
| 12 | 79.1 | 26.2 | 86.6 | 30.3 | 93 | 33.9 | 1963* | 71.6 | 22.0 | 59 | 15.0 | 1976 |
| 13 | 78.5 | 25.8 | 86.3 | 30.2 | 92 | 33.3 | 1970 | 70.6 | 21.4 | 60 | 15.6 | 1968 |
| 14 | 78.0 | 25.6 | 86.4 | 30.2 | 93 | 33.9 | 1974* | 69.6 | 20.9 | 58 | 14.4 | 1964 |
| 15 | 77.4 | 25.2 | 84.8 | 29.3 | 92 | 33.3 | 1973 | 70.1 | 21.2 | 59 | 15.0 | 1964 |
| 16 | 77.5 | 25.3 | 84.6 | 29.2 | 91 | 32.8 | 1969* | 70.3 | 21.3 | 58 | 14.4 | 1961 |
| 17 | 78.7 | 25.9 | 86.7 | 30.4 | 92 | 33.3 | 1974* | 70.7 | 21.5 | 58 | 14.4 | 1961 |
| 18 | 78.2 | 25.7 | 86.2 | 30.1 | 94 | 34.4 | 1977 | 70.2 | 21.2 | 57 | 13.9 | 1961 |
| 19 | 78.6 | 25.9 | 87.1 | 30.6 | 92 | 33.3 | 1977* | 70.1 | 21.2 | 57 | 13.9 | 1968 |
| 20 | 79.3 | 26.3 | 87.7 | 30.9 | 92 | 33.3 | 1974* | 70.9 | 21.6 | 62 | 16.7 | 1973 |
| 21 | 78.7 | 25.9 | 86.8 | 30.4 | 93 | 33.9 | 1977* | 70.6 | 21.4 | 62 | 16.7 | 1962 |
| 22 | 76.8 | 24.9 | 85.2 | 29.6 | 91 | 32.8 | 1977* | 68.5 | 20.3 | 59 | 15.0 | 1966 |
| 23 | 76.9 | 24.9 | 85.6 | 29.8 | 91 | 32.8 | 1977* | 68.2 | 20.1 | 61 | 16.1 | 1975* |
| 24 | 77.1 | 25.1 | 85.5 | 29.7 | 92 | 33.3 | 1977 | 68.6 | 20.3 | 56 | 13.3 | 1975 |
| 25 | 77.0 | 25.0 | 85.4 | 29.7 | 92 | 33.3 | 1977* | 68.6 | 20.3 | 57 | 13.9 | 1975 |
| 26 | 77.0 | 25.0 | 84.5 | 29.2 | 92 | 33.3 | 1977 | 69.4 | 20.8 | 53 | 11.7 | 1975 |
| 27 | 77.3 | 25.2 | 85.2 | 29.6 | 93 | 33.9 | 1977 | 69.3 | 20.7 | 53 | 11.7 | 1975 |
| 28 | 75.1 | 23.9 | 83.1 | 28.4 | 95 | 35.0 | 1977 | 67.2 | 19.6 | 53 | 11.7 | 1975* |
| 29 | 74.7 | 23.7 | 84.0 | 28.9 | 92 | 33.3 | 1977 | 65.4 | 18.6 | 48 | 8.9 | 1967 |
| 30 | 73.7 | 23.2 | 82.8 | 28.2 | 92 | 33.3 | 1977 | 64.5 | 18.1 | 46 | 7.8 | 1967 |
| 31 | | | | | | | | | | | | |
| Monthly | 78.5 | 25.8 | 86.3 | 30.2 | 96 | 35.6 | 1976* | 70.7 | 21.5 | 46 | 7.8 | 1967 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5425 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

| 12958 | NEW ORLEANS, LOUISIANA | 1958-1977 | OCTOBER |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

| DAY | MEAN TEMP AVERAGE °F | MEAN TEMP AVERAGE °C | MAXIMUM TEMP AVERAGE °F | MAXIMUM TEMP AVERAGE °C | MAXIMUM TEMP EXTREME °F | MAXIMUM TEMP EXTREME °C | MAXIMUM TEMP EXTREME DATE | MINIMUM TEMP AVERAGE °F | MINIMUM TEMP AVERAGE °C | MINIMUM TEMP EXTREME °F | MINIMUM TEMP EXTREME °C | MINIMUM TEMP EXTREME DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 73.1 | 22.8 | 82.7 | 28.2 | 93 | 33.9 | 1959 | 63.4 | 17.4 | 50 | 10.0 | 1967 |
| 2 | 73.4 | 23.0 | 83.2 | 28.4 | 92 | 33.3 | 1977* | 63.5 | 17.5 | 54 | 12.2 | 1966 |
| 3 | 72.5 | 22.5 | 81.9 | 27.7 | 90 | 32.2 | 1976 | 63.1 | 17.3 | 50 | 10.0 | 1974 |
| 4 | 72.4 | 22.4 | 82.0 | 27.8 | 90 | 32.2 | 1959 | 62.8 | 17.1 | 50 | 10.0 | 1974 |
| 5 | 72.7 | 22.6 | 82.3 | 27.9 | 91 | 32.8 | 1973 | 63.1 | 17.3 | 51 | 10.6 | 1961 |
| 6 | 72.2 | 22.3 | 80.2 | 26.8 | 90 | 32.2 | 1973 | 64.2 | 17.9 | 52 | 11.1 | 1964 |
| 7 | 72.5 | 22.5 | 81.1 | 27.3 | 92 | 33.3 | 1962 | 63.9 | 17.7 | 47 | 8.3 | 1964 |
| 8 | 73.9 | 23.3 | 82.3 | 27.9 | 90 | 32.2 | 1962 | 65.6 | 18.7 | 45 | 7.2 | 1964 |
| 9 | 72.9 | 22.7 | 82.1 | 27.8 | 91 | 32.8 | 1962 | 63.7 | 17.6 | 48 | 8.9 | 1976 |
| 10 | 71.8 | 22.1 | 81.4 | 27.4 | 87 | 30.6 | 1962* | 62.2 | 16.8 | 47 | 8.3 | 1976 |
| 11 | 71.8 | 22.1 | 81.8 | 27.7 | 89 | 31.7 | 1969 | 61.7 | 16.5 | 46 | 7.8 | 1971 |
| 12 | 72.2 | 22.3 | 81.7 | 27.6 | 89 | 31.7 | 1969 | 62.7 | 17.1 | 48 | 8.9 | 1971 |
| 13 | 72.4 | 22.4 | 81.7 | 27.6 | 89 | 31.7 | 1962 | 63.1 | 17.3 | 43 | 6.1 | 1977 |
| 14 | 70.9 | 21.6 | 80.7 | 27.1 | 88 | 31.1 | 1972* | 61.1 | 16.2 | 41 | 5.0 | 1977 |
| 15 | 70.8 | 21.6 | 80.0 | 26.7 | 89 | 31.7 | 1972 | 61.6 | 16.4 | 45 | 7.2 | 1977 |
| 16 | 69.5 | 20.8 | 78.1 | 25.6 | 90 | 32.2 | 1972 | 60.9 | 16.1 | 44 | 6.7 | 1977 |
| 17 | 68.7 | 20.4 | 77.9 | 25.5 | 88 | 31.1 | 1972 | 59.4 | 15.2 | 41 | 5.0 | 1977 |
| 18 | 68.0 | 20.0 | 78.6 | 25.9 | 89 | 31.7 | 1972 | 57.3 | 14.1 | 42 | 5.6 | 1977 |
| 19 | 66.6 | 19.2 | 77.1 | 25.1 | 87 | 30.6 | 1962 | 56.2 | 13.4 | 45 | 7.2 | 1967 |
| 20 | 64.2 | 17.9 | 74.7 | 23.7 | 87 | 30.6 | 1962 | 53.7 | 12.1 | 40 | 4.4 | 1964 |
| 21 | 65.6 | 18.7 | 76.3 | 24.6 | 85 | 29.4 | 1963 | 54.8 | 12.7 | 41 | 5.0 | 1964 |
| 22 | 66.5 | 19.2 | 77.4 | 25.2 | 85 | 29.4 | 1972 | 55.5 | 13.1 | 41 | 5.0 | 1976 |
| 23 | 67.9 | 19.9 | 79.2 | 26.2 | 84 | 28.9 | 1971* | 56.5 | 13.6 | 45 | 7.2 | 1965 |
| 24 | 66.9 | 19.4 | 76.4 | 24.7 | 83 | 28.3 | 1975* | 57.4 | 14.1 | 46 | 7.8 | 1965 |
| 25 | 65.1 | 18.4 | 75.2 | 24.0 | 82 | 27.8 | 1975* | 55.0 | 12.8 | 43 | 6.1 | 1968 |
| 26 | 64.9 | 18.3 | 75.5 | 24.2 | 83 | 28.3 | 1973* | 54.3 | 12.4 | 40 | 4.4 | 1968 |
| 27 | 65.4 | 18.6 | 75.7 | 24.3 | 85 | 29.4 | 1971 | 55.1 | 12.8 | 40 | 4.4 | 1965 |
| 28 | 65.0 | 18.3 | 74.3 | 23.5 | 84 | 28.9 | 1963 | 55.8 | 13.2 | 43 | 6.1 | 1968 |
| 29 | 65.1 | 18.4 | 74.1 | 23.4 | 83 | 28.3 | 1977 | 56.1 | 13.4 | 39 | 3.9 | 1968 |
| 30 | 66.6 | 19.2 | 76.0 | 24.4 | 83 | 28.3 | 1974* | 57.1 | 13.9 | 41 | 5.0 | 1973 |
| 31 | 65.9 | 18.8 | 74.9 | 23.8 | 85 | 29.4 | 1972 | 56.9 | 13.8 | 46 | 7.8 | 1970 |
| Monthly | 69.3 | 20.7 | 78.9 | 26.1 | 93 | 33.9 | 1959 | 59.6 | 15.3 | 39 | 3.9 | 1968 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

| 12958 | NEW ORLEANS, LOUISIANA | 1958-1977 | NOVEMBER |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

| DAY | MEAN TEMP AVERAGE °F | MEAN TEMP AVERAGE °C | MAXIMUM TEMP AVERAGE °F | MAXIMUM TEMP AVERAGE °C | MAXIMUM TEMP EXTREME °F | MAXIMUM TEMP EXTREME °C | MAXIMUM TEMP EXTREME DATE | MINIMUM TEMP AVERAGE °F | MINIMUM TEMP AVERAGE °C | MINIMUM TEMP EXTREME °F | MINIMUM TEMP EXTREME °C | MINIMUM TEMP EXTREME DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 65.1 | 18.4 | 75.3 | 24.1 | 86 | 30.0 | 1972 | 54.9 | 12.7 | 43 | 6.1 | 1976 |
| 2 | 63.4 | 17.4 | 73.8 | 23.2 | 88 | 31.1 | 1972 | 52.9 | 11.6 | 35 | 1.7 | 1966 |
| 3 | 62.2 | 16.8 | 72.7 | 22.6 | 84 | 28.9 | 1973 | 51.8 | 11.0 | 29 | -1.7 | 1966 |
| 4 | 62.1 | 16.7 | 71.0 | 21.7 | 83 | 28.3 | 1974* | 53.1 | 11.7 | 34 | 1.1 | 1966 |
| 5 | 61.9 | 16.6 | 70.8 | 21.6 | 81 | 27.2 | 1959 | 53.0 | 11.7 | 37 | 2.8 | 1969 |
| 6 | 61.5 | 16.4 | 71.1 | 21.7 | 82 | 27.8 | 1972 | 51.8 | 11.0 | 34 | 1.1 | 1976 |
| 7 | 61.2 | 16.2 | 72.1 | 22.3 | 81 | 27.2 | 1975 | 50.2 | 10.1 | 34 | 1.1 | 1959 |
| 8 | 61.2 | 16.2 | 71.4 | 21.9 | 81 | 27.2 | 1977* | 50.9 | 10.5 | 34 | 1.1 | 1976 |
| 9 | 61.8 | 16.6 | 72.1 | 22.3 | 83 | 28.3 | 1966 | 51.5 | 10.8 | 34 | 1.1 | 1976* |
| 10 | 60.6 | 15.9 | 70.9 | 21.6 | 82 | 27.8 | 1966 | 50.4 | 10.2 | 33 | 0.6 | 1968 |
| 11 | 62.1 | 16.7 | 72.5 | 22.5 | 82 | 27.8 | 1966 | 51.7 | 10.9 | 34 | 1.1 | 1977 |
| 12 | 61.6 | 16.4 | 71.8 | 22.1 | 80 | 26.7 | 1969 | 51.3 | 10.7 | 33 | 0.6 | 1968 |
| 13 | 61.3 | 16.3 | 71.8 | 22.1 | 81 | 27.2 | 1969 | 50.8 | 10.4 | 29 | -1.7 | 1968 |
| 14 | 60.4 | 15.8 | 69.9 | 21.1 | 80 | 26.7 | 1973 | 50.8 | 10.4 | 33 | 0.6 | 1969 |
| 15 | 59.8 | 15.4 | 69.1 | 20.6 | 83 | 28.3 | 1958 | 50.4 | 10.2 | 29 | -1.7 | 1969 |
| 16 | 61.1 | 16.2 | 71.7 | 22.1 | 82 | 27.8 | 1960* | 50.5 | 10.3 | 34 | 1.1 | 1970 |
| 17 | 62.3 | 16.8 | 71.6 | 22.0 | 83 | 28.3 | 1977 | 53.0 | 11.7 | 30 | -1.1 | 1970 |
| 18 | 62.3 | 16.8 | 71.5 | 21.9 | 83 | 28.3 | 1958 | 53.1 | 11.7 | 32 | 0.0 | 1959 |
| 19 | 60.5 | 15.8 | 69.4 | 20.8 | 80 | 26.7 | 1974* | 51.6 | 10.9 | 34 | 1.1 | 1968 |
| 20 | 58.8 | 14.9 | 68.7 | 20.4 | 81 | 27.2 | 1973* | 48.9 | 9.4 | 32 | 0.0 | 1968 |
| 21 | 59.3 | 15.2 | 69.7 | 20.9 | 80 | 26.7 | 1965 | 49.0 | 9.4 | 33 | 0.6 | 1969 |
| 22 | 58.9 | 14.9 | 68.9 | 20.5 | 81 | 27.2 | 1967 | 48.8 | 9.3 | 34 | 1.1 | 1976 |
| 23 | 58.1 | 14.5 | 67.8 | 19.9 | 81 | 27.2 | 1973 | 48.4 | 9.1 | 30 | -1.1 | 1975 |
| 24 | 58.5 | 14.7 | 68.2 | 20.1 | 81 | 27.2 | 1973* | 48.8 | 9.3 | 26 | -3.3 | 1970 |
| 25 | 58.0 | 14.4 | 70.1 | 21.2 | 84 | 28.9 | 1973 | 46.0 | 7.8 | 26 | -3.3 | 1970 |
| 26 | 61.2 | 16.2 | 71.5 | 21.9 | 82 | 27.8 | 1973* | 50.8 | 10.4 | 32 | 0.0 | 1974 |
| 27 | 61.1 | 16.2 | 71.5 | 21.9 | 82 | 27.8 | 1973 | 50.8 | 10.4 | 31 | -0.6 | 1974 |
| 28 | 57.8 | 14.3 | 67.5 | 19.7 | 82 | 27.8 | 1960 | 48.0 | 8.9 | 37 | 2.8 | 1974 |
| 29 | 53.4 | 11.9 | 61.6 | 16.4 | 78 | 25.6 | 1970 | 45.1 | 7.3 | 30 | -1.1 | 1959 |
| 30 | 52.9 | 11.6 | 63.8 | 17.7 | 82 | 27.8 | 1967 | 41.9 | 5.5 | 28 | -2.2 | 1976 |
| 31 | | | | | | | | | | | | |
| Monthly | 60.4 | 15.8 | 70.3 | 21.3 | 88 | 31.1 | 1972 | 50.4 | 10.2 | 26 | -3.3 | 1970 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

| 12958 | NEW ORLEANS, LOUISIANA | 1958-1977 | DECEMBER |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

| DAY | MEAN TEMP AVERAGE °F | MEAN TEMP AVERAGE °C | MAXIMUM TEMP AVERAGE °F | MAXIMUM TEMP AVERAGE °C | MAXIMUM TEMP EXTREME °F | MAXIMUM TEMP EXTREME °C | MAXIMUM TEMP EXTREME DATE | MINIMUM TEMP AVERAGE °F | MINIMUM TEMP AVERAGE °C | MINIMUM TEMP EXTREME °F | MINIMUM TEMP EXTREME °C | MINIMUM TEMP EXTREME DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 51.7 | 10.9 | 63.2 | 17.3 | 82 | 27.8 | 1970 | 40.2 | 4.6 | 26 | -3.3 | 1976 |
| 2 | 55.1 | 12.8 | 66.0 | 18.9 | 77 | 25.0 | 1967 | 44.1 | 6.7 | 30 | -1.1 | 1975 |
| 3 | 56.6 | 13.7 | 67.2 | 19.6 | 80 | 26.7 | 1970 | 46.0 | 7.8 | 27 | -2.8 | 1974 |
| 4 | 56.7 | 13.7 | 67.4 | 19.7 | 78 | 25.6 | 1977* | 46.0 | 7.8 | 28 | -2.2 | 1974 |
| 5 | 57.7 | 14.3 | 68.3 | 20.2 | 82 | 27.8 | 1977 | 47.1 | 8.4 | 29 | -1.7 | 1974 |
| 6 | 58.0 | 14.4 | 67.7 | 19.8 | 81 | 27.2 | 1961 | 48.2 | 9.0 | 37 | 2.8 | 1962 |
| 7 | 54.2 | 12.3 | 62.4 | 16.9 | 79 | 26.1 | 1966 | 46.0 | 7.8 | 31 | -0.6 | 1977 |
| 8 | 53.7 | 12.1 | 63.3 | 17.4 | 79 | 26.1 | 1972* | 44.0 | 6.7 | 28 | -2.2 | 1973 |
| 9 | 55.4 | 13.0 | 64.5 | 18.1 | 81 | 27.2 | 1972 | 46.2 | 7.9 | 24 | -4.4 | 1973 |
| 10 | 55.7 | 13.2 | 64.3 | 17.9 | 79 | 26.1 | 1972 | 47.1 | 8.4 | 28 | -2.2 | 1973 |
| 11 | 56.9 | 13.8 | 66.1 | 18.9 | 79 | 26.1 | 1971* | 47.7 | 8.7 | 24 | -4.4 | 1973 |
| 12 | 55.1 | 12.8 | 64.3 | 17.9 | 83 | 28.3 | 1971 | 45.8 | 7.7 | 20 | -6.7 | 1962 |
| 13 | 54.0 | 12.2 | 62.1 | 16.7 | 80 | 26.7 | 1971 | 45.9 | 7.7 | 15 | -9.4 | 1962 |
| 14 | 53.3 | 11.8 | 61.2 | 16.2 | 80 | 26.7 | 1971 | 45.4 | 7.4 | 25 | -3.9 | 1962 |
| 15 | 54.8 | 12.7 | 63.3 | 17.4 | 82 | 27.8 | 1971 | 46.2 | 7.9 | 27 | -2.8 | 1958 |
| 16 | 54.0 | 12.2 | 63.0 | 17.2 | 85 | 29.4 | 1971 | 44.9 | 7.2 | 26 | -3.3 | 1968 |
| 17 | 52.8 | 11.6 | 64.0 | 17.8 | 80 | 26.7 | 1971 | 41.5 | 5.3 | 26 | -3.3 | 1960 |
| 18 | 52.2 | 11.2 | 63.4 | 17.4 | 77 | 25.0 | 1967 | 40.9 | 4.9 | 27 | -2.8 | 1973 |
| 19 | 55.7 | 13.2 | 66.0 | 18.9 | 81 | 27.2 | 1967 | 45.4 | 7.4 | 24 | -4.4 | 1975 |
| 20 | 56.1 | 13.4 | 64.5 | 18.1 | 77 | 25.0 | 1967 | 47.7 | 8.7 | 30 | -1.1 | 1963 |
| 21 | 53.3 | 11.8 | 62.7 | 17.1 | 81 | 27.2 | 1971 | 43.8 | 6.6 | 26 | -3.3 | 1973 |
| 22 | 51.7 | 10.9 | 62.1 | 16.7 | 81 | 27.2 | 1970 | 41.4 | 5.2 | 22 | -5.6 | 1973 |
| 23 | 53.3 | 11.8 | 61.9 | 16.6 | 80 | 26.7 | 1970 | 44.7 | 7.1 | 26 | -3.3 | 1963* |
| 24 | 53.2 | 11.8 | 62.0 | 16.7 | 80 | 26.7 | 1964 | 44.4 | 6.9 | 24 | -4.4 | 1963 |
| 25 | 53.4 | 11.9 | 63.1 | 17.3 | 82 | 27.8 | 1964 | 43.8 | 6.6 | 27 | -2.8 | 1966* |
| 26 | 51.6 | 10.9 | 61.1 | 16.2 | 79 | 26.1 | 1964 | 42.0 | 5.6 | 27 | -2.8 | 1977 |
| 27 | 53.9 | 12.2 | 64.4 | 18.0 | 78 | 25.6 | 1974 | 43.4 | 6.3 | 26 | -3.3 | 1977 |
| 28 | 54.0 | 12.2 | 63.5 | 17.5 | 82 | 27.8 | 1971 | 44.4 | 6.9 | 30 | -1.1 | 1972 |
| 29 | 57.4 | 14.1 | 66.4 | 19.1 | 80 | 26.7 | 1974* | 48.4 | 9.1 | 28 | -2.2 | 1961 |
| 30 | 56.8 | 13.8 | 65.4 | 18.6 | 82 | 27.8 | 1971 | 48.1 | 8.9 | 33 | 0.6 | 1967* |
| 31 | 55.7 | 13.2 | 64.2 | 17.9 | 80 | 26.7 | 1971 | 47.2 | 8.4 | 29 | -1.7 | 1963 |
| Monthly | 54.7 | 12.6 | 64.2 | 17.9 | 85 | 29.4 | 1971 | 45.1 | 7.3 | 15 | -9.4 | 1962 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

# EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

12958 NEW ORLEANS, LOUISIANA 58-77
STATION STATION NAME YEARS

W[illegible] DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | [illegible] | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | 72 | 75 | 80 | 87 | 89 | 92 | 93 | 93 | 91 | 87 | 83 | 80 | 93 |
| 59 | 75 | 81 | 77 | 86 | 86 | 92 | 92 | 94 | 92 | 93 | 83 | 77 | 94 |
| 60 | 80 | 79 | 82 | 87 | 89 | 94 | 98 | 97 | 96 | 89 | 82 | 78 | 98 |
| 61 | 71 | 79 | 80 | 82 | 88 | 88 | 91 | 91 | 92 | 86 | 84 | 81 | 92 |
| 62 | 76 | 81 | 83 | 83 | 92 | 91 | 97 | 96 | 93 | 92 | 81 | 76 | 97 |
| 63 | 76 | 77 | 83 | 86 | 90 | 95 | 92 | 96 | 95 | 88 | 80 | 77 | 96 |
| 64 | 73 | 75 | 79 | 87 | 91 | 93 | 94 | 95 | 96 | 83 | 80 | 82 | 96 |
| 65 | 78 | 78 | 80 | 85 | 87 | 89 | 94 | 91 |  | 85 | 82 | 77 |  |
| 66 | 80 | 72 | 80 | 84 | 87 | 95 | 93 | 91 | 89 | 87 | 83 | 79 | 95 |
| 67 | 77 | 79 | 84 | 87 | 88 | 98 | 92 | 93 | 89 | 87 | 82 | 81 | 98 |
| 68 | 79 | 71 | 79 | 86 | 90 | 90 | 90 | 89 | 89 | 85 | 81 | 73 | 90 |
| 69 | 76 | 77 | 76 | 83 | 91 | 96 | 96 | 94 | 91 | 89 | 81 | 77 | 96 |
| 70 | 79 | 74 | 78 | 88 | 92 | 91 | 96 | 94 | 94 | 87 | 78 | 82 | 96 |
| 71 | 80 | 77 | 81 | 87 | 90 | 96 | 95 | 94 | 91 | 89 | 85 | 85 | 96 |
| 72 | 81 | 84 | 83 | 87 | 90 | 98 | 94 | 97 | 94 | 90 | 88 | 81 | 98 |
| 73 | 75 | 75 | 82 | 84 | 89 | 93 | 97 | 96 | 93 | 91 | 84 | 79 | 97 |
| 74 | 80 | 80 | 85 | 86 | 92 | 95 | 97 | 99 | 95 | 84 | 84 | 81 | 99 |
| 75 | 79 | 82 | 86 | 86 | 89 | 91 | 94 | 93 | 94 | 85 | 82 | 79 | 94 |
| 76 | 74 | 82 | 84 | 87 | 90 | 94 | 98 | 99 | 96 | 90 | 80 | 74 | 99 |
| 77 | 74 | 81 | 86 | 84 | 97 | 96 | 98 | 95 | 95 | 92 | 83 | 82 | 98 |
| MEAN | 76.8 | 78.0 | 81.4 | 85.6 | 89.9 | 93.4 | 94.6 | 94.4 | 92.9 | 88.0 | 82.3 | 79.1 | 95.9 |
| S. D. | 2.989 | 3.501 | 2.873 | 1.698 | 2.390 | 2.834 | 2.481 | 2.661 | 2.401 | 2.837 | 2.179 | 2.964 | 2.424 |
| TOTAL OBS. | 620 | 565 | 620 | 600 | 620 | 600 | 620 | 620 | 570 | 620 | 600 | 620 | 7275 |

NAVWEASERVCOM

196143

5223 Extreme Values Jan 1969

2

# EXTREME VALUES

## MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

12958 NEW ORLEANS, LOUISIANA 58-77
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

| MONTH / YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | | | | | | | | | 90 | | | | MAX TEMP |
| | | | | | | | | | 29 | | | | DAYS |
| | | | | | | | | | | | | | |
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| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NAVWEASERVCOM

5723 Extreme Values Jan 1969

# EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 58-77 YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | 23 | 20 | 38 | 47 | 49 | 63 | 70 | 61 | 63 | 52 | 32 | 27 | 20 |
| 59 | 24 | 35 | 40 | 45 | 58 | 68 | 71 | 73 | 67 | 50 | 30 | 34 | 24 |
| 60 | 28 | 32 | 34 | 46 | 47 | 63 | 74 | 73 | 62 | 46 | 40 | 26 | 26 |
| 61 | 26 | 33 | 35 | 40 | 51 | 64 | 68 | 67 | 57 | 45 | 33 | 28 | 26 |
| 62 | 14 | 34 | 30 | 43 | 57 | 68 | 73 | 72 | 61 | 48 | 41 | 15 | 14 |
| 63 | 15 | 30 | 40 | 47 | 57 | 53 | 70 | 70 | 56 | 44 | 35 | 24 | 15 |
| 64 | 23 | 30 | 36 | 41 | 52 | 58 | 70 | 72 | 58 | 40 | 34 | 31 | 23 |
| 65 | 26 | 29 | 32 | 45 | 49 | 59 | 67 | 65 |  | 40 | 35 | 32 |  |
| 66 | 19 | 28 | 35 | 43 | 56 | 56 | 70 | 65 | 59 | 47 | 29 | 27 | 19 |
| 67 | 33 | 31 | 41 | 53 | 55 | 68 | 62 | 65 | 46 | 45 | 37 | 30 | 30 |
| 68 | 29 | 27 | 28 | 43 | 55 | 61 | 67 | 63 | 57 | 39 | 29 | 26 | 26 |
| 69 | 23 | 33 | 31 | 45 | 49 | 63 | 72 | 69 | 61 | 49 | 29 | 32 | 23 |
| 70 | 20 | 21 | 33 | 49 | 49 | 64 | 67 | 70 | 57 | 46 | 26 | 29 | 20 |
| 71 | 26 | 26 | 29 | 36 | 54 | 68 | 72 | 72 | 64 | 46 | 36 | 44 | 26 |
| 72 | 26 | 34 | 38 | 41 | 56 | 60 | 64 | 67 | 61 | 53 | 37 | 30 | 26 |
| 73 | 23 | 27 | 41 | 37 | 50 | 70 | 73 | 69 | 61 | 41 | 36 | 22 | 22 |
| 74 | 42 | 27 | 44 | 42 | 60 | 60 | 69 | 69 | 57 | 44 | 31 | 27 | 27 |
| 75 | 25 | 29 | 38 | 43 | 62 | 67 | 70 | 69 | 53 | 50 | 30 | 24 | 24 |
| 76 | 23 | 32 | 36 | 43 | 54 | 64 | 70 | 67 | 59 | 41 | 28 | 26 | 23 |
| 77 | 21 | 28 | 33 | 40 | 58 | 63 | 70 | 71 | 69 | 41 | 34 | 26 | 21 |
| MEAN | 24.5 | 29.3 | 35.7 | 43.5 | 53.9 | 63.0 | 69.5 | 68.5 | 59.4 | 45.4 | 33.2 | 28.0 | 22.9 |
| S. D. | 6.048 | 4.028 | 4.366 | 3.953 | 4.217 | 4.472 | 2.982 | 3.395 | 5.047 | 4.158 | 4.112 | 5.610 | 4.054 |
| TOTAL OBS. | 620 | 565 | 620 | 600 | 620 | 600 | 620 | 620 | 570 | 620 | 600 | 620 | 7275 |

NAVWEASERVCOM

196147
5723 Extreme Values Jan 1969

2

# EXTREME VALUES

## MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

12958 NEW ORLEANS, LOUISIANA 58-77
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

| MONTH / YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | | | | | | | | | 59<br>29 | | | | MIN TEMP<br>DAYS |
| | | | | | | | | | | | | | |
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| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NAVWEASERVCOM

5723 Extreme Values Jan 1969

# PSYCHROMETRIC SUMMARY

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 YEARS | JAN MONTH

PAGE 1

HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | | |
| 78/ 77 | | | | .2 | .6 | .2 | | | | | | | | | | | | 11 | 11 | | |
| 76/ 75 | | | .2 | .6 | .4 | .2 | | .2 | | | | | | | | | | 18 | 18 | | |
| 74/ 73 | | .2 | .6 | .6 | .2 | | | .1 | | | | | | | | | | 21 | 21 | 1 | |
| 72/ 71 | | .9 | .7 | .6 | | .1 | .2 | .1 | .2 | .1 | .1 | | | | | | | 36 | 36 | 15 | 3 |
| 70/ 69 | .1 | 2.7 | 1.0 | .7 | .2 | .2 | .1 | .2 | .1 | .1 | | | | | | | | 64 | 64 | 44 | 19 |
| 68/ 67 | .6 | 1.9 | 1.0 | .2 | .4 | .1 | .4 | .2 | | .1 | | | | | | | | 61 | 61 | 63 | 57 |
| 66/ 65 | 1.9 | 2.7 | .9 | .6 | .4 | .3 | .2 | .3 | | .1 | | | | | | | | 92 | 92 | 77 | 85 |
| 64/ 63 | 1.0 | 2.8 | .6 | .2 | .2 | .1 | .1 | | .2 | | | | | | | | | 64 | 64 | 72 | 65 |
| 62/ 61 | .5 | 1.5 | 1.0 | .2 | .2 | .2 | .2 | .2 | | | | | | | | | | 50 | 50 | 49 | 54 |
| 60/ 59 | 1.0 | 1.7 | .7 | .9 | .6 | .2 | .2 | .2 | | | | | | | | | | 70 | 70 | 53 | 49 |
| 58/ 57 | .3 | 2.1 | 1.4 | .8 | .6 | .2 | .1 | | | | | | | | | | | 68 | 68 | 54 | 35 |
| 56/ 55 | .8 | 2.9 | 1.0 | .7 | .4 | .2 | .1 | .2 | | | | | | | | | | 79 | 79 | 74 | 59 |
| 54/ 53 | .6 | 2.0 | 1.0 | 1.1 | .5 | .2 | .2 | .1 | | | | | | | | | | 70 | 70 | 80 | 62 |
| 52/ 51 | .2 | 1.5 | .6 | .6 | .5 | .2 | .2 | .1 | | | | | | | | | | 49 | 49 | 64 | 48 |
| 50/ 49 | .6 | 1.9 | 1.6 | .6 | .6 | .1 | .1 | .1 | | | | | | | | | | 69 | 69 | 56 | 57 |
| 48/ 47 | .5 | 1.1 | 1.0 | .4 | .2 | .2 | .1 | | | | | | | | | | | 42 | 42 | 65 | 59 |
| 46/ 45 | .7 | 1.7 | .7 | .2 | .3 | .1 | | | | | | | | | | | | 47 | 47 | 72 | 58 |
| 44/ 43 | 1.0 | 1.1 | .7 | .4 | .5 | .2 | | | | | | | | | | | | 49 | 49 | 52 | 52 |
| 42/ 41 | .5 | .7 | 1.0 | 1.0 | .3 | .2 | | | | | | | | | | | | 45 | 45 | 43 | 57 |
| 40/ 39 | .7 | .7 | 1.5 | 1.2 | .4 | | | | | | | | | | | | | 57 | 57 | 36 | 56 |
| 38/ 37 | .2 | 1.1 | 1.3 | .7 | .1 | | | | | | | | | | | | | 42 | 42 | 43 | 26 |
| 36/ 35 | .4 | 1.1 | .8 | .6 | | | | | | | | | | | | | | 37 | 37 | 65 | 36 |
| 34/ 33 | .3 | .9 | .9 | .4 | | | | | | | | | | | | | | 31 | 31 | 48 | 41 |
| 32/ 31 | .4 | .6 | .6 | .2 | | | | | | | | | | | | | | 21 | 21 | 38 | 54 |
| 30/ 29 | .2 | .8 | .5 | | | | | | | | | | | | | | | 19 | 19 | 25 | 34 |
| 28/ 27 | .2 | .5 | .1 | | | | | | | | | | | | | | | 9 | 9 | 25 | 28 |
| 26/ 25 | .2 | .6 | .1 | | | | | | | | | | | | | | | 10 | 10 | 12 | 36 |
| 24/ 23 | .2 | .3 | | | | | | | | | | | | | | | | 6 | 6 | 10 | 34 |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 22 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 27 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 12 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 6 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

NAVWEASERVCOM

1078 2097-54321

2

5 PSYCHROMETRIC SUMMARY JAN 68

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — JAN MONTH

PAGE 2 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 13.0 | 36.2 | 21.5 | 14.0 | 7.7 | 3.1 | 2.0 | 1.7 | .4 | .3 | .1 | | | | | | | 1240 | 1240 | 1240 | 1240 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 8111562 | 97860 | 78.9 | 17.707 | 1240 |
| Dry Bulb | 3778311 | 66649 | 53.7 | 12.576 | 1240 |
| Wet Bulb | 3327641 | 62371 | 50.3 | 12.390 | 1240 |
| Dew Point | 2957486 | 57816 | 46.6 | 14.535 | 1240 |

| Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|
| ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
| | 39.6 | 127.8 | 31.2 | | | 744.0 |
| | 68.4 | 73.8 | .6 | | | 744.0 |
| | 157.2 | 47.4 | .6 | | | 744.0 |

NAVWEASERVCOM 14/8 2097-54321

5 PSYCHROMETRIC SUMMARY JAN 68

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — FEB MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | .2 | .1 | | | .1 | | .1 | | | | | | | 5 | 5 | | |
| 80/ 79 | | | | | .4 | .3 | | | | | | | | | | | | 7 | 7 | | |
| 78/ 77 | | | .1 | .2 | .4 | | | | .1 | .1 | | | | | | | | 9 | 9 | | |
| 76/ 75 | | .3 | .8 | .3 | .2 | .4 | .4 | .1 | | .1 | | | | | | | | 29 | 29 | 1 | |
| 74/ 73 | | .7 | .7 | .4 | .6 | .6 | .3 | .4 | .2 | | .1 | | | | | | | 45 | 45 | 7 | 3 |
| 72/ 71 | .2 | .5 | .4 | .4 | .9 | .2 | .5 | .2 | .1 | .2 | | | | | | | | 40 | 40 | 29 | 10 |
| 70/ 69 | .9 | 1.2 | 1.0 | .6 | .4 | .3 | .3 | .1 | | | | | | | | | | 53 | 53 | 34 | 37 |
| 68/ 67 | 1.2 | 1.4 | 1.9 | .4 | .4 | .7 | .5 | .1 | .2 | .1 | | | | | | | | 77 | 77 | 55 | 41 |
| 66/ 65 | .9 | 1.1 | .9 | .8 | .3 | .6 | .4 | .2 | .4 | | | | | | | | | 62 | 62 | 59 | 47 |
| 64/ 63 | .6 | 1.2 | 1.3 | .5 | .3 | .3 | .7 | .3 | .3 | | | | | | | | | 62 | 62 | 59 | 38 |
| 62/ 61 | .4 | 1.4 | 1.1 | .1 | 1.4 | .3 | .3 | .5 | .3 | | | | | | | | | 65 | 65 | 42 | 42 |
| 60/ 59 | .6 | 2.0 | 1.2 | .5 | .6 | .4 | .1 | .3 | .1 | | | | | | | | | 66 | 66 | 75 | 65 |
| 58/ 57 | .2 | 1.6 | 1.0 | .8 | .6 | .3 | 1.2 | .3 | | | | | | | | | | 66 | 66 | 56 | 48 |
| 56/ 55 | .6 | 1.5 | 2.0 | .5 | .5 | .7 | .6 | | | | | | | | | | | 73 | 73 | 60 | 47 |
| 54/ 53 | .4 | 1.5 | 1.2 | 1.0 | .7 | .3 | .4 | | | | | | | | | | | 60 | 60 | 66 | 47 |
| 52/ 51 | .6 | 1.3 | .9 | .4 | .5 | .4 | .1 | .1 | | | | | | | | | | 49 | 49 | 74 | 51 |
| 50/ 49 | .8 | 1.2 | 1.2 | .9 | 1.2 | .8 | .3 | | | | | | | | | | | 71 | 71 | 63 | 73 |
| 48/ 47 | .2 | 1.5 | .9 | .7 | .5 | .3 | .3 | | | | | | | | | | | 49 | 49 | 62 | 51 |
| 46/ 45 | .4 | .8 | .9 | 1.1 | .5 | .1 | | | | | | | | | | | | 43 | 43 | 73 | 50 |
| 44/ 43 | .1 | 1.0 | 1.1 | 1.1 | .1 | | | | | | | | | | | | | 37 | 37 | 53 | 57 |
| 42/ 41 | .3 | 1.1 | .5 | .6 | .2 | | | | | | | | | | | | | 30 | 30 | 48 | 41 |
| 40/ 39 | .3 | .9 | 1.2 | .9 | | | | | | | | | | | | | | 36 | 36 | 58 | 38 |
| 38/ 37 | .3 | 1.2 | 1.0 | .6 | | | | | | | | | | | | | | 34 | 34 | 33 | 44 |
| 36/ 35 | .2 | 1.1 | .4 | | | | | | | | | | | | | | | 19 | 19 | 42 | 41 |
| 34/ 33 | .1 | 1.1 | .2 | | | | | | | | | | | | | | | 15 | 15 | 39 | 51 |
| 32/ 31 | .2 | .7 | .4 | | | | | | | | | | | | | | | 15 | 15 | 17 | 61 |
| 30/ 29 | .3 | .3 | .2 | | | | | | | | | | | | | | | 8 | 8 | 14 | 48 |
| 28/ 27 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 26 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 3 | 23 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 26 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 14 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 8 |
| TOTAL | 9.6 | 26.8 | 22.3 | 12.8 | 10.8 | 6.9 | 6.3 | 2.4 | 1.6 | .4 | .2 | | | | | | | 1128 | 1128 | 1128 | 1128 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 6561084 | 83216 | 73.8 | 19.350 | 1128 |
| Dry Bulb | 3766378 | 63818 | 56.6 | 11.757 | 1128 |
| Wet Bulb | 3177335 | 58511 | 51.9 | 11.236 | 1128 |
| Dew Point | 2725127 | 53333 | 47.3 | 13.437 | 1128 |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | 15.5 | 157.9 | 56.6 | 3.6 | | 672.0 |
| Wet Bulb | | 23.8 | 75.1 | 4.8 | | | 672.0 |
| Dew Point | | 122.7 | 56.2 | 3.0 | | | 672.0 |

NAVWEASERVCOM

1428 2097-54321

2

5 PSYCHROMETRIC SUMMA JAN 68

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — MAR MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | | .2 | | | | | | | | | | 2 | 2 | | |
| 84/ 83 | | | | | | .1 | | .1 | .1 | | | | .1 | | | | | 4 | 4 | | |
| 82/ 81 | | | | .1 | .6 | .6 | .4 | .1 | | | | | .1 | | | | | 24 | 24 | | |
| 80/ 79 | | | | .6 | .7 | .4 | .6 | | | | | .1 | | | | | | 30 | 30 | | |
| 78/ 77 | | | .6 | 1.8 | .6 | .7 | | .1 | .1 | | | .1 | | | | | | 49 | 49 | | |
| 76/ 75 | | .3 | 3.1 | 1.1 | .8 | .8 | .2 | .1 | .1 | .1 | .1 | | | | | | | 83 | 83 | 3 | |
| 74/ 73 | | 1.9 | 3.2 | 1.7 | .6 | .2 | .2 | .3 | .3 | .2 | | | | | | | | 107 | 107 | 53 | 2 |
| 72/ 71 | .2 | 2.9 | 2.5 | .9 | .3 | .9 | .1 | .4 | .2 | | | | | | | | | 103 | 103 | 129 | 59 |
| 70/ 69 | 1.0 | 2.9 | 2.7 | .9 | .6 | .6 | .6 | .2 | .2 | | | | | | | | | 119 | 119 | 121 | 137 |
| 68/ 67 | .4 | 2.2 | 2.7 | 1.0 | .5 | .2 | .4 | .2 | | .1 | | | | | | | | 96 | 96 | 102 | 100 |
| 66/ 65 | .3 | 3.6 | 1.2 | .6 | .6 | .7 | .2 | .1 | .3 | | | | | | | | | 96 | 96 | 106 | 97 |
| 64/ 63 | .3 | 2.8 | 1.1 | .8 | .7 | .6 | .1 | .2 | .3 | .1 | | | | | | | | 87 | 87 | 94 | 113 |
| 62/ 61 | .4 | 2.3 | .9 | 1.2 | .7 | .3 | .2 | .5 | .1 | | | | | | | | | 82 | 82 | 74 | 88 |
| 60/ 59 | .4 | 1.5 | .8 | 1.5 | .4 | .2 | .2 | .1 | | | | | | | | | | 63 | 63 | 78 | 56 |
| 58/ 57 | .5 | .9 | 1.0 | .7 | .4 | .2 | | | | | | | | | | | | 45 | 45 | 77 | 65 |
| 56/ 55 | .2 | 1.1 | 1.3 | 1.0 | .6 | .3 | .1 | | | | | | | | | | | 57 | 57 | 71 | 55 |
| 54/ 53 | .1 | .6 | .6 | .5 | .1 | .1 | | | | | | | | | | | | 24 | 24 | 60 | 45 |
| 52/ 51 | .3 | 1.2 | .7 | .5 | .3 | | | | | | | | | | | | | 38 | 38 | 45 | 49 |
| 50/ 49 | .2 | 1.5 | .6 | .6 | .1 | | | | | | | | | | | | | 39 | 39 | 64 | 70 |
| 48/ 47 | .2 | 1.4 | .7 | .6 | .1 | | | | | | | | | | | | | 36 | 36 | 44 | 63 |
| 46/ 45 | .3 | .6 | .5 | | | | | | | | | | | | | | | 18 | 18 | 43 | 56 |
| 44/ 43 | .1 | .9 | .2 | | | | | | | | | | | | | | | 14 | 14 | 33 | 42 |
| 42/ 41 | .5 | .2 | .1 | | | | | | | | | | | | | | | 10 | 10 | 24 | 32 |
| 40/ 39 | .2 | .3 | | | | | | | | | | | | | | | | 6 | 6 | 7 | 36 |
| 38/ 37 | .1 | .3 | | | | | | | | | | | | | | | | 5 | 5 | 5 | 21 |
| 36/ 35 | | .2 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 16 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 23 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 10 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 3 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.7 | 29.9 | 24.5 | 16.1 | 8.8 | 6.9 | 3.2 | 2.4 | 1.6 | .4 | .1 | .2 | .2 | | | | | | 1240 | | 1240 |
| | | | | | | | | | | | | | | | | | | 1240 | | 1240 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7848111 | 96509 | 77.8 | 16.488 | 1240 | | | | | | | |
| Dry Bulb | 5361933 | 80639 | 65.0 | 9.753 | 1240 | | | 370.2 | 179.4 | 28.2 | | 744.0 |
| Wet Bulb | 6640536 | 74992 | 60.5 | 9.215 | 1240 | | | 244.8 | 33.6 | | | 744.0 |
| Dew Point | 4199402 | 70908 | 57.2 | 10.803 | 1240 | | 9.0 | 178.8 | 13.8 | | | 744.0 |

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14/8 2097-54321

2

PSYCHROMETRIC SUMMARY JAN 68

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — APR MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | .1 | .1 | .1 | | .2 | .2 | .1 | | | | | | | 8 | 8 | | |
| 84/ 83 | | | | | .7 | .5 | .2 | .4 | .2 | | .2 | | | | | | | 26 | 26 | | |
| 82/ 81 | | | | .4 | .7 | .7 | .5 | .6 | .2 | .2 | .3 | .1 | | | | | | 46 | 46 | | |
| 80/ 79 | | | .2 | 1.2 | .9 | .8 | .7 | .6 | .5 | .4 | .2 | | | | | | | 65 | 65 | | |
| 78/ 77 | | .1 | 1.1 | 1.5 | 1.2 | .6 | 1.0 | 1.2 | .9 | .2 | | .1 | | | | | | 93 | 93 | 2 | |
| 76/ 75 | | .7 | 2.2 | 1.8 | 1.8 | .8 | .7 | .2 | .4 | .4 | | | | | | | | 110 | 110 | 21 | 1 |
| 74/ 73 | .2 | 1.5 | 1.7 | 1.8 | .6 | .9 | .7 | .6 | .4 | .7 | | | | | | | | 109 | 109 | 64 | 20 |
| 72/ 71 | .1 | 2.1 | 2.6 | 1.7 | .7 | .8 | .9 | .3 | .3 | .2 | .1 | | | | | | | 119 | 119 | 112 | 71 |
| 70/ 69 | .4 | 2.1 | 2.2 | 1.0 | .3 | .7 | .5 | .5 | .1 | .1 | | | | | | | | 95 | 95 | 107 | 85 |
| 68/ 67 | .7 | 1.7 | 1.2 | .9 | .2 | .4 | .2 | .4 | .1 | | | | | | | | | 70 | 70 | 146 | 111 |
| 66/ 65 | .7 | 1.3 | 1.3 | .7 | 1.0 | .6 | .4 | .4 | .1 | | | | | | | | | 79 | 79 | 101 | 100 |
| 64/ 63 | .7 | 1.7 | 1.1 | .4 | .3 | .2 | .7 | .1 | .1 | | | | | | | | | 63 | 63 | 101 | 89 |
| 62/ 61 | | 1.6 | .8 | .8 | .2 | .3 | .2 | .2 | | | | | | | | | | 51 | 51 | 87 | 71 |
| 60/ 59 | .2 | 1.8 | 1.2 | .3 | .3 | .2 | .2 | .1 | | | | | | | | | | 54 | 54 | 81 | 79 |
| 58/ 57 | .1 | 1.2 | 1.5 | .6 | .2 | .2 | .2 | .1 | | | | | | | | | | 49 | 49 | 74 | 84 |
| 56/ 55 | | 1.4 | .8 | .3 | .2 | | | | | | | | | | | | | 34 | 34 | 65 | 53 |
| 54/ 53 | .1 | 1.3 | 1.2 | .2 | .2 | .1 | | | | | | | | | | | | 37 | 37 | 56 | 78 |
| 52/ 51 | .1 | 1.9 | .7 | .2 | .1 | .1 | | | | | | | | | | | | 37 | 37 | 57 | 74 |
| 50/ 49 | | 1.0 | .3 | .2 | .1 | | | | | | | | | | | | | 19 | 19 | 49 | 56 |
| 48/ 47 | | .8 | .3 | | | | | | | | | | | | | | | 14 | 14 | 31 | 59 |
| 46/ 45 | | .5 | .2 | .1 | | | | | | | | | | | | | | 9 | 9 | 21 | 48 |
| 44/ 43 | | .3 | .2 | | | | | | | | | | | | | | | 6 | 6 | 9 | 29 |
| 42/ 41 | | .3 | | | | | | | | | | | | | | | | 4 | 4 | 8 | 23 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 6 | 30 |
| 38/ 37 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 14 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 10 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.3 | 23.6 | 20.7 | 14.4 | 10.0 | 8.3 | 7.2 | 5.6 | 3.7 | 2.2 | .8 | .2 | | | | | | 1200 | 1200 | | 1200 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
| Rel. Hum. | 6737619 | 87141 | 72.6 | 18.484 | 1200 | | | | | | | |
| Dry Bulb | 5704266 | 81952 | 68.3 | 9.468 | 1200 | | | 445.2 | 274.8 | 70.2 | | 720.0 |
| Wet Bulb | 4720673 | 74623 | 62.2 | 8.177 | 1200 | | | 271.2 | 52.2 | | | 720.0 |
| Dew Point | 4160487 | 69669 | 58.1 | 9.822 | 1200 | | 4.2 | 172.8 | 33.0 | | | 720.0 |

NAVWEASERVCOM

1478 2097-54321

2

05 PSYCHROMETRIC SUMMARY JAN 68

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — MAY MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | .2 | | | | | | | | 2 | 2 | | |
| 92/ 91 | | | | | | | | .1 | | .3 | .2 | | | | | | | 7 | 7 | | |
| 90/ 89 | | | | | | | | .5 | .3 | .1 | | | | | | | | 11 | 11 | | |
| 88/ 87 | | | | .1 | | .3 | 1.4 | 1.0 | .9 | .4 | .1 | | | | | | | 51 | 51 | | |
| 86/ 85 | | | | .1 | .3 | 1.5 | 1.2 | 1.5 | .6 | .5 | .2 | .1 | | | | | | 73 | 73 | | |
| 84/ 83 | | | | .6 | 1.5 | 1.9 | 1.0 | 1.0 | .8 | .2 | .2 | | | | | | | 89 | 89 | | |
| 82/ 81 | | .1 | .6 | .6 | 1.5 | 1.9 | 1.0 | .7 | .6 | .1 | | | | | | | | 89 | 89 | 1 | |
| 80/ 79 | | .5 | 1.0 | 1.4 | 2.3 | 1.6 | 1.0 | .7 | .2 | .2 | | | | | | | | 110 | 110 | 5 | 1 |
| 78/ 77 | | 1.0 | 3.1 | 1.8 | 1.5 | 1.0 | .6 | .3 | .2 | .2 | .2 | | | | | | | 121 | 121 | 36 | 12 |
| 76/ 75 | .1 | 1.7 | 2.5 | 1.9 | 1.6 | .6 | .6 | .3 | .4 | .1 | | | | | | | | 121 | 121 | 121 | 26 |
| 74/ 73 | | 2.9 | 2.9 | 2.4 | .6 | .5 | .2 | .4 | .2 | | | | | | | | | 126 | 126 | 185 | 75 |
| 72/ 71 | | 4.2 | 2.5 | 1.0 | .2 | .2 | .1 | | | | | | | | | | | 101 | 101 | 180 | 145 |
| 70/ 69 | .2 | 5.0 | 3.1 | 1.0 | .3 | .2 | .2 | | | | | | | | | | | 125 | 125 | 206 | 185 |
| 68/ 67 | .7 | 2.6 | 2.2 | .7 | .2 | .1 | .1 | | | | | | | | | | | 81 | 81 | 170 | 187 |
| 66/ 65 | .2 | 1.5 | 1.0 | .5 | .2 | .2 | | | | | | | | | | | | 44 | 44 | 121 | 169 |
| 64/ 63 | .1 | 1.5 | .6 | .5 | .2 | | | | | | | | | | | | | 36 | 36 | 73 | 121 |
| 62/ 61 | .1 | 1.0 | .3 | | .1 | | | | | | | | | | | | | 18 | 18 | 44 | 91 |
| 60/ 59 | .1 | .4 | .6 | .2 | | | | | | | | | | | | | | 16 | 16 | 49 | 67 |
| 58/ 57 | .2 | .3 | .2 | | | | | | | | | | | | | | | 8 | 8 | 23 | 54 |
| 56/ 55 | | .4 | .1 | | | | | | | | | | | | | | | 6 | 6 | 14 | 32 |
| 54/ 53 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 23 |
| 52/ 51 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 19 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 14 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 23.5 | 20.6 | 12.7 | 10.3 | 9.8 | 7.5 | 6.6 | 4.2 | 2.3 | .7 | .2 | | | | | | 1240 | 1240 | | 1240 |
| | | | | | | | | | | | | | | | | | | | | 1240 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7131166 | 91742 | 74.0 | 16.652 | 1240 | | | | | | | |
| Dry Bulb | 7124082 | 93568 | 75.4 | 7.333 | 1240 | | | 664.8 | 480.6 | 232.8 | 1.8 | 744.0 |
| Wet Bulb | 5941950 | 85600 | 69.0 | 5.144 | 1240 | | | 542.4 | 208.8 | 1.2 | | 744.0 |
| Dew Point | 5395773 | 81447 | 65.7 | 6.098 | 1240 | | | 378.6 | 118.8 | .6 | | 744.0 |

NAVWEASERVCOM

1478 2097-54321

PSYCHROMETRIC SUMMARY JAN 68

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — JUN MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | | | .2 | .2 | | | | | | 5 | 5 | | |
| 94/ 93 | | | | | | | | .1 | .2 | .5 | .6 | .2 | .1 | | | | | 20 | 20 | | |
| 92/ 91 | | | | | | | .1 | .8 | .7 | 1.1 | .6 | .2 | .1 | | | | | 44 | 44 | | |
| 90/ 89 | | | | | | .2 | 1.6 | 1.6 | 1.2 | .7 | .5 | .2 | | | | | | 71 | 71 | | |
| 88/ 87 | | | | .1 | .6 | 2.7 | 3.1 | 1.6 | 1.1 | .2 | .3 | | | | | | | 116 | 116 | | |
| 86/ 85 | | | | .2 | 2.2 | 4.2 | 2.0 | .5 | .3 | .3 | .3 | | | | | | | 122 | 122 | | |
| 84/ 83 | | | .2 | 1.5 | 2.6 | 1.2 | .7 | .4 | .2 | .2 | .1 | | | | | | | 86 | 86 | | |
| 82/ 81 | | | .7 | 2.3 | 2.2 | 1.0 | .4 | .2 | .2 | .2 | | | | | | | | 89 | 89 | 1 | |
| 80/ 79 | | .5 | 3.6 | 2.3 | 1.7 | .2 | | .1 | | | | | | | | | | 102 | 102 | 33 | 1 |
| 78/ 77 | | 3.2 | 4.7 | 1.3 | .7 | .2 | .2 | .2 | | | | | | | | | | 129 | 129 | 160 | 16 |
| 76/ 75 | .1 | 5.3 | 4.0 | 1.6 | | | | | | | | | | | | | | 132 | 132 | 286 | 115 |
| 74/ 73 | .3 | 6.2 | 2.9 | 1.1 | .2 | | .2 | | | | | | | | | | | 131 | 131 | 283 | 250 |
| 72/ 71 | .5 | 3.2 | 2.1 | .7 | .1 | .2 | | | | | | | | | | | | 81 | 81 | 200 | 253 |
| 70/ 69 | .2 | 1.1 | 1.1 | .3 | .1 | .1 | | | | | | | | | | | | 35 | 35 | 114 | 214 |
| 68/ 67 | .1 | .5 | .5 | .1 | .1 | | | | | | | | | | | | | 15 | 15 | 58 | 124 |
| 66/ 65 | .1 | .5 | .6 | .4 | | | | | | | | | | | | | | 19 | 19 | 33 | 81 |
| 64/ 63 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 14 | 47 |
| 62/ 61 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 11 | 33 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 7 | 24 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 21 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 16 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 1.3 | 20.9 | 20.4 | 12.0 | 10.5 | 10.0 | 8.3 | 5.5 | 3.9 | 3.4 | 2.7 | .8 | .2 | | | | | 1200 | 1200 | | 1200 |
| | | | | | | | | | | | | | | | | | | | | 1200 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6828471 | 88169 | 73.5 | 17.093 | 1200 | | | | | | | |
| Dry Bulb | 7772083 | 96233 | 80.2 | 6.757 | 1200 | | | 706.8 | 628.2 | 367.2 | 15.0 | 720.0 |
| Wet Bulb | 6438430 | 87790 | 73.2 | 3.637 | 1200 | | | 681.0 | 457.8 | 4.8 | | 720.0 |
| Dew Point | 5897832 | 83948 | 70.0 | 4.576 | 1200 | | | 583.8 | 325.2 | .6 | | 720.0 |

NAVWEASERVCOM

1478 2097-54321

2

05 PSYCHROMETRIC SUMM JAN 68

# PSYCHROMETRIC SUMMARY

12958 STATION NEW ORLEANS, LOUISIANA STATION NAME 73-77 YEARS JUL MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | | .2 | | .1 | | | | | 3 | 3 | | |
| 96/ 95 | | | | | | | | | .2 | .4 | .1 | .1 | | | | | | 9 | 9 | | |
| 94/ 93 | | | | | | | .3 | .9 | 1.8 | 1.0 | .1 | | | | | | | 50 | 51 | | |
| 92/ 91 | | | | | | .2 | 1.1 | 1.9 | 1.6 | .5 | .1 | | | | | | | 67 | 67 | | |
| 90/ 89 | | | | | .2 | 1.1 | 3.4 | 1.8 | .6 | .2 | | | | | | | | 91 | 91 | | |
| 88/ 87 | | | | .2 | 2.1 | 2.9 | 2.8 | .6 | .2 | | | | | | | | | 108 | 109 | | |
| 86/ 85 | | .1 | .2 | .5 | 3.3 | 2.3 | .6 | .2 | | | | | | | | | | 89 | 89 | | |
| 84/ 83 | | .1 | .6 | 1.7 | 2.8 | 1.0 | .1 | | | | | | | | | | | 78 | 78 | 1 | 1 |
| 82/ 81 | | | 2.3 | 3.1 | 2.1 | .2 | .1 | | | | | | | | | | | 95 | 95 | 26 | |
| 80/ 79 | | 1.5 | 4.9 | 2.6 | .7 | .1 | .1 | | | | | | | | | | | 121 | 122 | 128 | 9 |
| 78/ 77 | .2 | 6.6 | 5.4 | 1.3 | | | | | | | | | | | | | | 167 | 169 | 277 | 79 |
| 76/ 75 | .7 | 9.1 | 4.8 | .9 | .1 | | | | | | | | | | | | | 192 | 192 | 347 | 245 |
| 74/ 73 | .5 | 7.0 | 2.8 | .1 | | | | | | | | | | | | | | 129 | 129 | 265 | 347 |
| 72/ 71 | .3 | 1.6 | .5 | | | | | | | | | | | | | | | 30 | 30 | 149 | 297 |
| 70/ 69 | .1 | .4 | | | | | | | | | | | | | | | | 6 | 6 | 38 | 175 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 4 | 62 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 16 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 3 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.8 | 26.4 | 21.5 | 10.3 | 11.4 | 7.9 | 8.4 | 5.4 | 4.4 | 2.0 | .4 | .1 | .1 | | | | | | 1240 | | 1235 |
| | | | | | | | | | | | | | | | | | | 1235 | | 1235 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7600013 | 95027 | 76.9 | 15.281 | 1235 | | | | | | | |
| Dry Bulb | 8286361 | 101057 | 81.5 | 6.381 | 1240 | | | 744.0 | 722.4 | 393.6 | 37.8 | 744.0 |
| Wet Bulb | 7023250 | 93074 | 75.4 | 2.679 | 1235 | | | 744.0 | 628.9 | 41.6 | | 744.0 |
| Dew Point | 6555762 | 89918 | 72.8 | 2.701 | 1235 | | | 732.0 | 531.9 | 6.0 | | 744.0 |

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5605 PSYCHROMETRIC SUMMARY JAN 68

1478 2097-54321

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — AUG MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | .2 | .2 | .2 | .1 | | | | | | 10 | 10 | | |
| 94/ 93 | | | | | | | | .3 | 1.5 | .3 | .1 | .1 | | | | | | 28 | 28 | | |
| 92/ 91 | | | | | | .3 | 1.0 | 2.3 | .7 | .2 | .2 | | | | | | | 59 | 59 | | |
| 90/ 89 | | | | | .1 | 1.0 | 2.2 | 1.3 | .4 | .3 | .2 | | | | | | | 68 | 68 | | |
| 88/ 87 | | | | .2 | 1.9 | 3.6 | 1.1 | .9 | .2 | | | | | | | | | 98 | 98 | | |
| 86/ 85 | | .1 | .2 | .7 | 3.0 | 2.1 | .5 | .2 | .1 | | | | | | | | | 86 | 87 | | |
| 84/ 83 | .1 | .2 | .6 | 3.1 | 2.0 | .7 | .2 | .1 | | | | | | | | | | 87 | 87 | 5 | 1 |
| 82/ 81 | .1 | .2 | 2.8 | 2.7 | 1.2 | .4 | | .1 | | | | | | | | | | 94 | 94 | 21 | 6 |
| 80/ 79 | | 2.8 | 3.9 | 1.9 | .5 | .2 | | | | | | | | | | | | 114 | 114 | 121 | 12 |
| 78/ 77 | | 7.1 | 5.2 | 1.4 | .4 | .1 | | | | | | | | | | | | 176 | 176 | 292 | 91 |
| 76/ 75 | .6 | 11.3 | 4.5 | 1.0 | .1 | | | | | | | | | | | | | 217 | 217 | 310 | 292 |
| 74/ 73 | .9 | 6.9 | 2.7 | .6 | | | | | | | | | | | | | | 136 | 136 | 260 | 354 |
| 72/ 71 | .6 | 2.2 | .8 | .1 | | | | | | | | | | | | | | 46 | 46 | 149 | 227 |
| 70/ 69 | .2 | .4 | .4 | .1 | | | | | | | | | | | | | | 13 | 13 | 60 | 143 |
| 68/ 67 | | .3 | .1 | | | | | | | | | | | | | | | 5 | 5 | 11 | 66 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 9 | 29 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 6 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 2.5 | 31.5 | 21.2 | 11.8 | 9.1 | 8.5 | 5.1 | 5.2 | 3.1 | 1.0 | .6 | .3 | | | | | | 1239 | 1240 | 1239 | 1239 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 8106602 | 98468 | 79.5 | 15.065 | 1239 |
| Dry Bulb | 8098033 | 99909 | 80.6 | 6.236 | 1240 |
| Wet Bulb | 7004686 | 93086 | 75.1 | 2.999 | 1239 |
| Dew Point | 6002793 | 90365 | 72.9 | 3.130 | 1239 |

Mean No. of Hours with Temperature

| Element (X) | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 744.0 | 705.6 | 358.2 | 24.0 | 744.0 |
| Wet Bulb | | | 738.0 | 605.9 | 33.6 | | 744.0 |
| Dew Point | | | 715.8 | 541.6 | 11.4 | | 744.0 |

NAVWEASERVCOM 2

1078 2097-54321

0505 PSYCHROMETRIC SUMMARY JAN 68

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — SEP MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | .1 | | .1 | .4 | .1 | | | | | | | | 8 | 8 | | |
| 92/ 91 | | | | | | .2 | .5 | .7 | .2 | .2 | .1 | | | | | | | 23 | 23 | | |
| 90/ 89 | | | | | .1 | .7 | 2.1 | .9 | .7 | .2 | .2 | .1 | | | | | | 59 | 59 | | |
| 88/ 87 | | | | .1 | 1.1 | 1.5 | 1.3 | .7 | .2 | .1 | .1 | | | | | | | 61 | 61 | | |
| 86/ 85 | | | .2 | 1.5 | 3.0 | 1.7 | .2 | .5 | | | | | | | | | | 85 | 85 | | |
| 84/ 83 | | .2 | .7 | 3.2 | 1.8 | .7 | .7 | .2 | .2 | | | | | | | | | 95 | 95 | 2 | |
| 82/ 81 | .1 | .8 | 2.7 | 2.2 | 1.8 | .2 | .2 | .3 | | .1 | | | | | | | | 103 | 103 | 12 | 6 |
| 80/ 79 | | 2.2 | 4.8 | 1.8 | .5 | .2 | .1 | .3 | | .1 | .1 | | | | | | | 122 | 122 | 96 | 15 |
| 78/ 77 | .2 | 6.8 | 3.2 | .8 | .6 | .2 | .1 | .2 | | | | | | | | | | 145 | 145 | 222 | 76 |
| 76/ 75 | .3 | 8.7 | 2.6 | .8 | .2 | .1 | .2 | .2 | .2 | | | | | | | | | 162 | 162 | 250 | 240 |
| 74/ 73 | .7 | 8.0 | 1.2 | .1 | .2 | .2 | .1 | .4 | .1 | | | | | | | | | 132 | 132 | 232 | 242 |
| 72/ 71 | .5 | 3.3 | 1.2 | .3 | .2 | .2 | | .2 | | | | | | | | | | 73 | 73 | 146 | 235 |
| 70/ 69 | .2 | 1.1 | .7 | .2 | .2 | .2 | | | | | | | | | | | | 31 | 31 | 60 | 118 |
| 68/ 67 | | .5 | 1.2 | .2 | .2 | .1 | | | | | | | | | | | | 25 | 25 | 34 | 62 |
| 66/ 65 | | .5 | 1.0 | .2 | .2 | | | | | | | | | | | | | 23 | 23 | 30 | 36 |
| 64/ 63 | | .7 | .5 | .5 | .1 | | | | | | | | | | | | | 21 | 21 | 26 | 30 |
| 62/ 61 | .1 | .3 | .2 | .1 | .1 | | | | | | | | | | | | | 9 | 9 | 30 | 28 |
| 60/ 59 | | .2 | .1 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 26 | 23 |
| 58/ 57 | | | .3 | | | .1 | | | | | | | | | | | | 5 | 5 | 13 | 22 |
| 56/ 55 | | .4 | .1 | | | | | | | | | | | | | | | 6 | 6 | 5 | 17 |
| 54/ 53 | | .1 | .3 | | | | | | | | | | | | | | | 5 | 5 | 9 | 13 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 3 | 12 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 3 | 12 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.1 | 34.1 | 21.1 | 12.2 | 10.4 | 6.4 | 5.3 | 4.9 | 2.2 | .7 | .5 | .1 | | | | | | | 1200 | | 1200 |
| | | | | | | | | | | | | | | | | | | 1200 | | 1200 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 7880192 | 95558 | 79.6 | 15.027 | 1200 |
| Dry Bulb | 7392609 | 93797 | 78.2 | 7.135 | 1200 |
| Wet Bulb | 6443087 | 87671 | 73.1 | 5.623 | 1200 |
| Dew Point | 6048242 | 84836 | 70.7 | 6.497 | 1200 |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 675.0 | 597.6 | 301.8 | 5.4 | 720.0 |
| Wet Bulb | | | 632.4 | 488.4 | 30.6 | | 720.0 |
| Dew Point | | | 596.4 | 431.4 | 12.6 | | 720.0 |

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5105 PSYCHROMETRIC SUMMARY JAN 68

14NR 2097-54321

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — OCT MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | .2 | .2 | .2 | .2 | | | | | | | | 8 | 8 | | |
| 88/ 87 | | | | | .1 | | .3 | .1 | .1 | .1 | | | | | | | | 8 | 8 | | |
| 86/ 85 | | | | .1 | | .3 | .2 | .2 | | | .1 | | | | | | | 12 | 12 | | |
| 84/ 83 | | | .2 | .2 | .7 | .5 | .6 | .2 | .3 | .2 | .1 | .1 | | | | | | 37 | 37 | | |
| 82/ 81 | | | .6 | .6 | .6 | .9 | .9 | .5 | .6 | .3 | .2 | | | | | | | 63 | 63 | 1 | |
| 80/ 79 | | .3 | .5 | .5 | .2 | 1.0 | .4 | .6 | .3 | .3 | | | | | | | | 51 | 51 | 5 | |
| 78/ 77 | .1 | .3 | 1.1 | 1.0 | 1.0 | .3 | .7 | .6 | .3 | .2 | .2 | | | | | | | 73 | 73 | 22 | 13 |
| 76/ 75 | .1 | 1.0 | 1.2 | 1.4 | 1.1 | .7 | .6 | .5 | .2 | .1 | .1 | | | | | | | 85 | 85 | 41 | 15 |
| 74/ 73 | .1 | 2.7 | 2.0 | 1.2 | .5 | 1.0 | .4 | .4 | .6 | | | | | | | | | 110 | 110 | 66 | 41 |
| 72/ 71 | .1 | 3.6 | 1.4 | 1.8 | .9 | .2 | .7 | .4 | .2 | .2 | | | | | | | | 118 | 118 | 101 | 57 |
| 70/ 69 | .2 | 2.9 | 2.1 | .9 | .8 | .4 | .4 | .3 | .3 | | | | | | | | | 104 | 104 | 136 | 102 |
| 68/ 67 | .1 | 1.5 | 2.2 | 1.0 | .6 | .6 | .1 | .2 | .2 | | | | | | | | | 78 | 78 | 69 | 98 |
| 66/ 65 | | 2.5 | 1.7 | .6 | .4 | .5 | .2 | .4 | | | | | | | | | | 79 | 79 | 114 | 93 |
| 64/ 63 | .1 | 2.0 | .8 | .5 | .7 | .5 | .2 | | | | | | | | | | | 59 | 59 | 104 | 90 |
| 62/ 61 | | 2.1 | .6 | .6 | .5 | .3 | .1 | .1 | | | | | | | | | | 53 | 53 | 94 | 94 |
| 60/ 59 | .1 | 2.1 | 1.5 | .8 | .2 | .2 | .1 | | | | | | | | | | | 62 | 62 | 73 | 78 |
| 58/ 57 | | 1.9 | 1.8 | .8 | .3 | .2 | | | | | | | | | | | | 62 | 62 | 76 | 70 |
| 56/ 55 | | 2.1 | 1.6 | .3 | .2 | .1 | | | | | | | | | | | | 53 | 53 | 84 | 69 |
| 54/ 53 | | 2.3 | 1.2 | .2 | .2 | | | | | | | | | | | | | 48 | 48 | 68 | 75 |
| 52/ 51 | | 1.5 | .3 | | | | | | | | | | | | | | | 2 | 22 | 74 | 81 |
| 50/ 49 | .2 | 1.2 | .2 | .1 | | | | | | | | | | | | | | 2 | 20 | 35 | 85 |
| 48/ 47 | .2 | .9 | .1 | | | | | | | | | | | | | | | 14 | 14 | 25 | 63 |
| 46/ 45 | .1 | .5 | | .1 | | | | | | | | | | | | | | 8 | 8 | 14 | 43 |
| 44/ 43 | .1 | .3 | | | | | | | | | | | | | | | | 5 | 5 | 8 | 21 |
| 42/ 41 | .2 | .4 | | | | | | | | | | | | | | | | 7 | 7 | 7 | 20 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | 18 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 10 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.5 | 32.1 | 21.0 | 12.5 | 9.0 | 7.6 | 6.2 | 4.6 | 3.3 | 1.5 | .6 | .1 | | | | | | 1240 | 1240 | | 1240 |
| | | | | | | | | | | | | | | | | | | | | 1240 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
| Rel. Hum. | 7422542 | 93492 | 75.4 | 17.363 | 1240 | | | | | | | |
| Dry Bulb | 5887295 | 84583 | 68.2 | 9.747 | 1240 | | | 448.8 | 268.8 | 91.2 | | 744.0 |
| Wet Bulb | 4962165 | 77777 | 62.7 | 8.220 | 1240 | | | 276.6 | 81.0 | 2.4 | | 744.0 |
| Dew Point | 4455834 | 73438 | 59.2 | 9.272 | 1240 | | .6 | 195.6 | 60.0 | | | 744.0 |

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1428 2097-54321

2

0005 PSYCHROMETRIC SUMMARY JAN 68

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — NOV MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | .1 | .2 | .1 | | | | | | | | | | 5 | 5 | | |
| 82/ 81 | | | | .2 | .4 | .4 | .3 | .1 | | | | | | | | | | 18 | 18 | | |
| 80/ 79 | | | .2 | .6 | .6 | .5 | .7 | | | | | | | | | | | 30 | 30 | | |
| 78/ 77 | | .1 | .6 | .7 | .7 | .2 | .2 | .1 | | | | | | | | | | 31 | 31 | | |
| 76/ 75 | .1 | .8 | 1.1 | .7 | .4 | .2 | .2 | | | | | | | | | | | 43 | 43 | 14 | 1 |
| 74/ 73 | .1 | 1.7 | 1.9 | .4 | .4 | .3 | .1 | | | | | | | | | | | 60 | 60 | 39 | 23 |
| 72/ 71 | .7 | 3.7 | 1.5 | .3 | .4 | .2 | .2 | .2 | .1 | | | .1 | | | | | | 89 | 89 | 85 | 49 |
| 70/ 69 | .4 | 3.2 | 1.2 | 1.0 | .2 | .2 | .3 | .4 | .2 | .2 | | | | | | | | 90 | 90 | 100 | 81 |
| 68/ 67 | .7 | 3.1 | 1.0 | .3 | .5 | .2 | .1 | .2 | | | | | | | | | | 72 | 72 | 78 | 100 |
| 66/ 65 | .5 | 1.9 | 1.2 | .4 | .3 | .1 | .1 | .2 | .2 | | | | | | | | | 60 | 60 | 67 | 64 |
| 64/ 63 | .5 | 2.3 | 1.2 | .7 | .3 | .6 | .1 | .2 | .2 | .2 | | | | | | | | 74 | 74 | 62 | 60 |
| 62/ 61 | .7 | 2.6 | 1.1 | .6 | .4 | .4 | .2 | .3 | .2 | .2 | | | | | | | | 80 | 80 | 58 | 72 |
| 60/ 59 | .6 | 1.9 | .8 | .9 | .6 | .2 | .1 | .2 | | | | | | | | | | 64 | 64 | 69 | 58 |
| 58/ 57 | .5 | 1.8 | .7 | .5 | .2 | .2 | .1 | .2 | | | | | | | | | | 51 | 51 | 66 | 57 |
| 56/ 55 | .4 | 2.2 | 1.1 | .2 | .1 | .6 | .6 | .1 | .1 | | | | | | | | | 64 | 64 | 58 | 53 |
| 54/ 53 | .7 | 1.3 | .7 | .5 | .1 | .4 | .3 | .2 | | | | | | | | | | 52 | 52 | 67 | 56 |
| 52/ 51 | .5 | 1.0 | 1.0 | .5 | .4 | .2 | .2 | .1 | | | | | | | | | | 47 | 47 | 58 | 50 |
| 50/ 49 | .7 | 1.9 | .7 | .6 | .2 | .3 | .1 | | | | | | | | | | | 55 | 55 | 48 | 42 |
| 48/ 47 | .7 | 1.1 | .7 | .4 | .7 | .3 | | | | | | | | | | | | 47 | 47 | 61 | 60 |
| 46/ 45 | .2 | 1.1 | .3 | .8 | .3 | | | | | | | | | | | | | 33 | 33 | 42 | 44 |
| 44/ 43 | .2 | 1.2 | .2 | .4 | .1 | | | | | | | | | | | | | 27 | 27 | 53 | 38 |
| 42/ 41 | .5 | .5 | .4 | .2 | .1 | | | | | | | | | | | | | 21 | 21 | 35 | 34 |
| 40/ 39 | .2 | 1.1 | .8 | .2 | | | | | | | | | | | | | | 28 | 28 | 41 | 30 |
| 38/ 37 | .4 | 1.0 | .2 | .2 | | | | | | | | | | | | | | 22 | 22 | 36 | 33 |
| 36/ 35 | .5 | .4 | .2 | | | | | | | | | | | | | | | 14 | 14 | 28 | 31 |
| 34/ 33 | .4 | .3 | .3 | | | | | | | | | | | | | | | 13 | 13 | 16 | 39 |
| 32/ 31 | .1 | .3 | .1 | | | | | | | | | | | | | | | 6 | 6 | 10 | 33 |
| 30/ 29 | | .3 | | | | | | | | | | | | | | | | 4 | 4 | 8 | 23 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 27 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 20 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 12 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 4 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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1478 2097-54321

5 PSYCHROMETRIC SUMMARY JAN 68

2

# PSYCHROMETRIC SUMMARY

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 YEARS | NOV MONTH

PAGE 2 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 10.4 | 37.1 | 19.4 | 11.4 | 7.6 | 5.7 | 4.1 | 2.7 | .9 | .6 | | .1 | | | | | | 1200 | 1200 | 1200 | 1200 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7903086 | 94826 | 79.0 | 18.486 | 1200 | | | | | | | |
| Dry Bulb | 4560639 | 72589 | 60.5 | 11.895 | 1200 | | 6.0 | 262.8 | 112.2 | 21.6 | | 720.0 |
| Wet Bulb | 3992595 | 67805 | 56.5 | 11.599 | 1200 | | 11.4 | 189.6 | 31.8 | | | 720.0 |
| Dew Point | 3605356 | 63672 | 53.1 | 13.757 | 1200 | | 75.0 | 152.4 | 28.8 | | | 720.0 |

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14218 2097-54321

05 PSYCHROMETRIC SUMMARY JAN 68

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — DEC MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | | .2 | .1 | .1 | | | | | | | | | | | 4 | 4 | | |
| 78/ 77 | | | | .5 | .2 | .2 | | | | | | | | | | | | 10 | 10 | | |
| 76/ 75 | | | .4 | .6 | .2 | .1 | | .1 | | | | | | | | | | 18 | 18 | | |
| 74/ 73 | | .4 | .2 | .3 | .3 | .2 | | | | | | | | | | | | 17 | 17 | 6 | |
| 72/ 71 | | .2 | .9 | .5 | .2 | .2 | | .1 | | | | | | | | | | 25 | 25 | 23 | 7 |
| 70/ 69 | .3 | 1.1 | .8 | .3 | .4 | .3 | | .2 | | | .1 | | | | | | | 44 | 44 | 26 | 21 |
| 68/ 67 | 1.7 | 1.9 | .5 | .2 | .5 | .4 | .4 | .3 | .1 | | .1 | | | | | | | 74 | 74 | 57 | 59 |
| 66/ 65 | 1.1 | 1.9 | .9 | .4 | .2 | .2 | .1 | .1 | | | | | | | | | | 59 | 59 | 54 | 47 |
| 64/ 63 | .5 | 3.3 | .8 | .6 | .2 | .2 | .6 | | .2 | | | | | | | | | 78 | 78 | 54 | 48 |
| 62/ 61 | .8 | 2.5 | 1.0 | .3 | .6 | .3 | .2 | .3 | | | | | | | | | | 76 | 76 | 66 | 57 |
| 60/ 59 | 1.4 | 2.5 | 1.0 | .7 | .1 | .3 | .5 | .1 | | | | | | | | | | 81 | 81 | 71 | 62 |
| 58/ 57 | .5 | 1.9 | 1.0 | .4 | .4 | .2 | .2 | .2 | | | | | | | | | | 61 | 61 | 67 | 62 |
| 56/ 55 | .6 | 1.9 | 1.5 | .6 | .5 | .6 | .2 | | | | | | | | | | | 74 | 74 | 64 | 63 |
| 54/ 53 | .4 | 2.5 | 1.5 | .8 | .3 | .5 | .3 | .1 | | | | | | | | | | 79 | 79 | 61 | 42 |
| 52/ 51 | .2 | 2.1 | 1.0 | .3 | .4 | .6 | .2 | | | | | | | | | | | 60 | 60 | 72 | 41 |
| 50/ 49 | .4 | 1.8 | .9 | .7 | .3 | .5 | .2 | | | | | | | | | | | 59 | 59 | 69 | 72 |
| 48/ 47 | .5 | 1.1 | .7 | 1.0 | .6 | .5 | .3 | | | | | | | | | | | 58 | 58 | 70 | 60 |
| 46/ 45 | .1 | 1.9 | 1.0 | 1.0 | .7 | .1 | .1 | | | | | | | | | | | 60 | 60 | 43 | 45 |
| 44/ 43 | .2 | 1.0 | .8 | .8 | .5 | .3 | | | | | | | | | | | | 46 | 46 | 61 | 44 |
| 42/ 41 | .2 | 1.5 | 1.0 | .8 | .5 | .1 | | | | | | | | | | | | 51 | 51 | 58 | 49 |
| 40/ 39 | .4 | 1.5 | 1.3 | .6 | .4 | .1 | | | | | | | | | | | | 52 | 52 | 67 | 45 |
| 38/ 37 | .6 | 1.0 | .5 | .4 | | .1 | | | | | | | | | | | | 33 | 33 | 60 | 51 |
| 36/ 35 | .2 | 1.0 | .6 | .7 | .2 | | | | | | | | | | | | | 35 | 35 | 46 | 51 |
| 34/ 33 | .7 | .8 | .5 | .1 | .1 | | | | | | | | | | | | | 27 | 27 | 46 | 48 |
| 32/ 31 | .2 | 1.0 | .4 | .2 | | | | | | | | | | | | | | 23 | 23 | 33 | 47 |
| 30/ 29 | .2 | .8 | | .2 | | | | | | | | | | | | | | 15 | 15 | 28 | 45 |
| 28/ 27 | .4 | .3 | | .1 | | | | | | | | | | | | | | 10 | 10 | 23 | 51 |
| 26/ 25 | .3 | .2 | | .1 | | | | | | | | | | | | | | 7 | 7 | 9 | 33 |
| 24/ 23 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 35 |
| 22/ 21 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 13 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 20 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

NAVWEASERVCOM

5-5 PSYCHROMETRIC SUMMARY JAN 68

2

# PSYCHROMETRIC SUMMARY

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 YEARS | DEC MONTH

PAGE 2 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 12.3 | 36.1 | 19.1 | 13.3 | 7.9 | 5.9 | 3.5 | 1.5 | .2 | | .2 | | | | | | | | 1240 | | 1240 |
| | | | | | | | | | | | | | | | | | | 1240 | | 1240 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7929356 | 96354 | 77.7 | 18.891 | 1240 | | | | | | | |
| Dry Bulb | 3757154 | 66616 | 53.7 | 11.998 | 1240 | | 34.2 | 116.4 | 30.6 | 1.8 | | 744.0 |
| Wet Bulb | 3281860 | 62050 | 50.0 | 11.947 | 1240 | | 59.4 | 67.2 | 3.6 | | | 744.0 |
| Dew Point | 2887217 | 57107 | 46.1 | 14.408 | 1240 | | 159.6 | 52.2 | .6 | | | 744.0 |

NAVWEASERVCOM

1478 2097-54321

0105 PSYCHROMETRIC SUMMARY JAN 68

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — ALL MONTH

PAGE 1 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 100/ 99 | | | | | | | | | | | | .0 | | | | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | | .0 | .0 | .0 | | | | | 4 | 4 | | |
| 96/ 95 | | | | | | | | | .0 | .1 | .1 | .0 | | | | | | 26 | 26 | | |
| 94/ 93 | | | | | | .0 | .0 | .1 | .3 | .2 | .1 | .0 | .0 | | | | | 108 | 109 | | |
| 92/ 91 | | | | | | .1 | .2 | .5 | .3 | .2 | .1 | .0 | .0 | | | | | 201 | 201 | | |
| 90/ 89 | | | | | .0 | .3 | .8 | .5 | .3 | .1 | .1 | .0 | | | | | | 308 | 308 | | |
| 88/ 87 | | | | .1 | .5 | .9 | .8 | .4 | .2 | .1 | .0 | | | | | | | 443 | 444 | | |
| 86/ 85 | | .0 | .0 | .3 | 1.0 | 1.0 | .4 | .3 | .1 | .1 | .1 | .0 | | | | | | 477 | 478 | | |
| 84/ 83 | .0 | .0 | .2 | .9 | 1.0 | .6 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | | | | | 507 | 507 | 8 | 2 |
| 82/ 81 | .0 | .1 | .8 | 1.0 | 1.0 | .6 | .3 | .2 | .1 | .1 | .1 | .0 | .0 | | | | | 628 | 628 | 62 | 12 |
| 80/ 79 | | .7 | 1.6 | 1.1 | .7 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | | | | | | 758 | 759 | 388 | 38 |
| 78/ 77 | .0 | 2.1 | 2.1 | 1.0 | .6 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | | 1014 | 1016 | 1011 | 287 |
| 76/ 75 | .2 | 3.3 | 2.3 | 1.1 | .6 | .3 | .3 | .1 | .1 | .1 | .0 | | | | | | | 1210 | 1210 | 1394 | 935 |
| 74/ 73 | .2 | 3.4 | 1.9 | .9 | .3 | .3 | .2 | .2 | .2 | .1 | .0 | | | | | | | 1123 | 1123 | 1461 | 1357 |
| 72/ 71 | .3 | 2.4 | 1.4 | .7 | .3 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | | | | | | 861 | 861 | 1318 | 1413 |
| 70/ 69 | .4 | 2.0 | 1.3 | .6 | .3 | .3 | .2 | .2 | .1 | .0 | .0 | | | | | | | 779 | 779 | 1046 | 1317 |
| 68/ 67 | .5 | 1.5 | 1.2 | .4 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | | | | | | | 654 | 654 | 867 | 1067 |
| 66/ 65 | .5 | 1.5 | .9 | .4 | .3 | .3 | .1 | .1 | .1 | .0 | | | | | | | | 613 | 613 | 771 | 864 |
| 64/ 63 | .3 | 1.5 | .7 | .4 | .3 | .2 | .2 | .1 | .1 | .0 | | | | | | | | 545 | 545 | 660 | 712 |
| 62/ 61 | .2 | 1.3 | .6 | .3 | .4 | .2 | .1 | .2 | .0 | .0 | | | | | | | | 486 | 486 | 555 | 637 |
| 60/ 59 | .4 | 1.2 | .7 | .5 | .2 | .2 | .1 | .1 | .0 | | | | | | | | | 482 | 482 | 582 | 565 |
| 58/ 57 | .2 | 1.0 | .7 | .4 | .2 | .1 | .1 | .1 | | | | | | | | | | 415 | 415 | 506 | 518 |
| 56/ 55 | .2 | 1.2 | .8 | .3 | .2 | .2 | .1 | .0 | .0 | | | | | | | | | 446 | 446 | 495 | 464 |
| 54/ 53 | .2 | 1.0 | .6 | .4 | .2 | .1 | .1 | .0 | | | | | | | | | | 377 | 377 | 474 | 446 |
| 52/ 51 | .2 | .9 | .4 | .2 | .2 | .1 | .1 | .0 | | | | | | | | | | 304 | 304 | 450 | 425 |
| 50/ 49 | .2 | .9 | .5 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | 332 | 332 | 389 | 481 |
| 48/ 47 | .2 | .7 | .4 | .3 | .2 | .1 | .1 | | | | | | | | | | | 260 | 260 | 359 | 439 |
| 46/ 45 | .2 | .6 | .3 | .3 | .2 | .0 | .0 | | | | | | | | | | | 218 | 218 | 308 | 348 |
| 44/ 43 | .1 | .5 | .3 | .2 | .1 | .0 | | | | | | | | | | | | 184 | 184 | 269 | 285 |
| 42/ 41 | .2 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | | | | 168 | 168 | 223 | 257 |
| 40/ 39 | .2 | .4 | .4 | .2 | .1 | .0 | | | | | | | | | | | | 179 | 179 | 218 | 254 |
| 38/ 37 | .1 | .4 | .2 | .2 | .0 | .0 | | | | | | | | | | | | 138 | 138 | 178 | 199 |
| 36/ 35 | .1 | .3 | .2 | .1 | .0 | | | | | | | | | | | | | 108 | 108 | 188 | 186 |
| 34/ 33 | .1 | .3 | .2 | .0 | .0 | | | | | | | | | | | | | 86 | 86 | 150 | 212 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

NAVWEASERVCOM

14718 2097-54321

5-6 PSYCHROMETRIC SUMMARY JAN 68

2

# PSYCHROMETRIC SUMMARY

12958 STATION — NEW ORLEANS, LOUISIANA STATION NAME — 73-77 YEARS — ALL MONTH

PAGE 2 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 32/ 31 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | | 65 | 65 | 98 | 209 |
| 30/ 29 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | | 46 | 46 | 75 | 153 |
| 28/ 27 | .0 | .1 | .0 | .0 | | | | | | | | | | | | | | 22 | 22 | 55 | 136 |
| 26/ 25 | .0 | .1 | .0 | .0 | | | | | | | | | | | | | | 17 | 17 | 24 | 113 |
| 24/ 23 | .0 | .0 | | | | | | | | | | | | | | | | 7 | 7 | 13 | 108 |
| 22/ 21 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 53 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 59 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 20 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 11 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 11 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5.4 | 29.9 | 21.1 | 12.8 | 9.5 | 7.3 | 5.6 | 4.0 | 2.5 | 1.2 | .6 | .2 | .0 | | | | | 14602 | 14608 | 14602 | 14602 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
| Rel. Hum. | 90059804 | 1118362 | 76.6 | 17.369 | 14602 | | | | | | | |
| Dry Bulb | 71489144 | 1001390 | 68.6 | 13.951 | 14608 | | 95.3 | 5463.7 | 4088.0 | 1870.2 | 84.0 | 8760.0 |
| Wet Bulb | 60954008 | 925350 | 63.4 | 12.586 | 14602 | | 163.0 | 4536.1 | 2597.4 | 114.2 | | 8760.0 |
| Dew Point | 55491311 | 876457 | 60.0 | 14.053 | 14602 | | 528.3 | 3860.0 | 2088.7 | 31.2 | | 8760.0 |

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0-5 PSYCHROMETRIC SUMMARY JAN 68

1428 2097-54321

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS)

| HRS.(L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | MEAN | 50.6 | 52.7 | 61.6 | 63.5 | 70.7 | 74.9 | 76.8 | 76.3 | 74.1 | 63.2 | 56.5 | 50.2 | 64.3 |
| | S. D. | 12.063 | 10.858 | 9.462 | 8.168 | 4.949 | 3.317 | 2.207 | 2.539 | 5.350 | 8.305 | 11.578 | 12.098 | 12.842 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 03 | MEAN | 49.3 | 50.6 | 60.3 | 61.7 | 69.0 | 73.5 | 75.3 | 75.1 | 72.9 | 61.5 | 55.4 | 48.7 | 62.8 |
| | S. D. | 12.849 | 11.616 | 10.041 | 9.070 | 5.487 | 3.495 | 2.192 | 2.540 | 5.526 | 8.746 | 12.072 | 12.643 | 13.216 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 06 | MEAN | 48.7 | 49.2 | 59.5 | 60.5 | 68.5 | 73.5 | 75.3 | 74.8 | 72.1 | 60.6 | 54.4 | 47.8 | 62.1 |
| | S. D. | 12.990 | 11.850 | 10.302 | 9.535 | 5.864 | 3.739 | 2.209 | 2.651 | 5.754 | 9.019 | 12.203 | 12.774 | 13.586 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 09 | MEAN | 52.7 | 56.2 | 65.2 | 70.6 | 78.1 | 83.8 | 85.3 | 84.3 | 80.7 | 71.1 | 62.0 | 53.8 | 70.4 |
| | S. D. | 11.693 | 9.985 | 7.930 | 7.092 | 4.652 | 3.162 | 3.145 | 3.666 | 5.754 | 7.070 | 9.992 | 10.119 | 13.938 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 12 | MEAN | 59.1 | 63.1 | 70.5 | 75.3 | 82.1 | 86.8 | 88.1 | 87.7 | 84.3 | 76.5 | 67.6 | 60.4 | 75.2 |
| | S. D. | 12.154 | 10.489 | 8.452 | 6.937 | 5.014 | 4.615 | 5.275 | 5.162 | 5.973 | 6.919 | 10.145 | 10.241 | 13.096 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 15 | MEAN | 60.7 | 65.0 | 71.6 | 76.2 | 82.8 | 87.4 | 87.7 | 85.4 | 84.2 | 77.0 | 68.1 | 61.4 | 75.7 |
| | S. D. | 11.627 | 9.894 | 8.019 | 6.256 | 5.003 | 4.891 | 5.953 | 6.453 | 5.561 | 6.111 | 9.606 | 9.736 | 12.352 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 18 | MEAN | 56.4 | 60.6 | 68.1 | 72.4 | 79.1 | 83.9 | 84.5 | 82.6 | 80.9 | 70.7 | 61.9 | 55.7 | 71.4 |
| | S. D. | 10.431 | 8.853 | 7.194 | 5.387 | 4.296 | 4.319 | 4.621 | 4.711 | 4.267 | 6.590 | 9.649 | 9.375 | 12.531 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 21 | MEAN | 52.6 | 55.1 | 63.5 | 66.2 | 73.3 | 77.7 | 78.9 | 78.4 | 76.1 | 65.2 | 58.0 | 51.8 | 66.5 |
| | S. D. | 11.049 | 9.688 | 8.243 | 6.862 | 4.148 | 3.070 | 2.784 | 3.070 | 5.045 | 7.611 | 10.990 | 10.683 | 12.475 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| ALL HOURS | MEAN | 53.7 | 56.6 | 65.0 | 68.3 | 75.4 | 80.2 | 81.5 | 80.6 | 78.2 | 68.2 | 60.5 | 53.7 | 68.6 |
| | S. D. | 12.577 | 11.758 | 9.753 | 9.468 | 7.334 | 6.758 | 6.382 | 6.236 | 7.135 | 9.747 | 11.896 | 11.999 | 13.951 |
| | TOTAL OBS | 1240 | 1128 | 1240 | 1200 | 1240 | 1200 | 1240 | 1240 | 1200 | 1240 | 1200 | 1240 | 14608 |

5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS)

| HRS.(L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | MEAN | 48.4 | 50.1 | 59.1 | 60.4 | 67.4 | 71.7 | 73.9 | 73.6 | 71.7 | 60.6 | 54.4 | 48.2 | 61.7 |
| | S. D. | 12.514 | 11.315 | 9.625 | 8.287 | 5.227 | 3.470 | 2.072 | 2.410 | 5.609 | 8.382 | 11.932 | 12.606 | 12.816 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 154 | 155 | 150 | 155 | 150 | 155 | 1825 |
| 03 | MEAN | 47.6 | 48.6 | 58.1 | 59.2 | 66.4 | 70.9 | 73.1 | 72.8 | 71.0 | 59.4 | 53.6 | 47.1 | 60.7 |
| | S. D. | 13.055 | 11.918 | 10.256 | 9.046 | 5.595 | 3.667 | 2.173 | 2.607 | 5.953 | 8.706 | 12.404 | 13.014 | 13.172 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 154 | 155 | 150 | 155 | 150 | 155 | 1825 |
| 06 | MEAN | 47.1 | 47.3 | 57.4 | 58.4 | 66.5 | 71.4 | 73.6 | 72.8 | 70.3 | 58.7 | 52.8 | 46.3 | 60.3 |
| | S. D. | 13.201 | 12.117 | 10.467 | 9.482 | 5.742 | 3.681 | 1.989 | 2.652 | 6.307 | 9.028 | 12.516 | 13.084 | 13.599 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 154 | 155 | 150 | 155 | 150 | 155 | 1825 |
| 09 | MEAN | 50.3 | 52.7 | 61.3 | 64.1 | 70.7 | 75.1 | 77.5 | 77.5 | 74.9 | 65.6 | 58.6 | 51.2 | 65.0 |
| | S. D. | 12.206 | 10.978 | 8.434 | 7.645 | 4.434 | 3.175 | 2.065 | 2.307 | 5.470 | 7.414 | 10.759 | 10.953 | 12.613 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 154 | 154 | 150 | 155 | 150 | 155 | 1824 |
| 12 | MEAN | 53.5 | 55.2 | 62.8 | 65.0 | 71.0 | 74.8 | 77.1 | 77.3 | 75.1 | 65.9 | 59.9 | 53.7 | 66.0 |
| | S. D. | 12.112 | 10.546 | 8.298 | 6.989 | 4.257 | 3.184 | 2.339 | 2.278 | 4.871 | 6.791 | 10.508 | 10.876 | 11.589 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 154 | 155 | 150 | 155 | 150 | 155 | 1825 |
| 15 | MEAN | 53.8 | 55.7 | 63.3 | 65.1 | 71.2 | 74.8 | 76.7 | 76.4 | 74.7 | 65.8 | 59.9 | 53.8 | 66.0 |
| | S. D. | 11.323 | 9.835 | 7.920 | 6.746 | 4.181 | 3.189 | 2.399 | 2.714 | 4.459 | 6.629 | 10.201 | 10.290 | 11.154 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 18 | MEAN | 51.7 | 53.7 | 61.8 | 63.5 | 70.2 | 73.9 | 76.3 | 75.9 | 74.0 | 64.0 | 57.3 | 50.9 | 64.5 |
| | S. D. | 11.297 | 9.711 | 7.967 | 6.489 | 4.155 | 2.862 | 2.097 | 2.059 | 4.657 | 6.990 | 10.636 | 10.717 | 11.762 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 21 | MEAN | 49.9 | 51.6 | 60.1 | 61.8 | 68.9 | 72.7 | 74.8 | 74.7 | 72.7 | 61.8 | 55.3 | 49.1 | 62.9 |
| | S. D. | 11.673 | 10.574 | 8.755 | 7.435 | 4.447 | 2.888 | 1.978 | 2.171 | 5.260 | 7.732 | 11.412 | 11.552 | 12.325 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| ALL HOURS | MEAN | 50.3 | 51.9 | 60.5 | 62.2 | 69.0 | 73.2 | 75.4 | 75.1 | 73.1 | 62.7 | 56.5 | 50.0 | 63.4 |
| | S. D. | 12.391 | 11.236 | 9.215 | 8.178 | 5.144 | 3.637 | 2.680 | 3.000 | 5.624 | 8.221 | 11.600 | 11.948 | 12.587 |
| | TOTAL OBS | 1240 | 1128 | 1240 | 1200 | 1240 | 1200 | 1235 | 1239 | 1200 | 1240 | 1200 | 1240 | 14602 |



5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

# MEANS AND STANDARD DEVIATIONS

## DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS)

| HRS.(L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | MEAN | 45.9 | 47.3 | 57.3 | 58.2 | 65.6 | 70.2 | 72.6 | 72.5 | 70.6 | 58.9 | 52.4 | 45.7 | 59.8 |
| | S. D. | 14.266 | 13.080 | 10.475 | 9.209 | 5.912 | 4.048 | 2.441 | 2.813 | 6.142 | 9.047 | 13.467 | 14.460 | 13.932 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 154 | 155 | 150 | 155 | 150 | 155 | 1825 |
| 03 | MEAN | 45.5 | 46.4 | 56.4 | 57.5 | 65.0 | 69.6 | 72.0 | 71.8 | 70.0 | 58.0 | 52.0 | 45.1 | 59.2 |
| | S. D. | 14.404 | 13.245 | 11.146 | 9.699 | 6.128 | 4.112 | 2.469 | 2.983 | 6.532 | 9.150 | 13.727 | 14.603 | 14.089 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 154 | 155 | 150 | 155 | 150 | 155 | 1825 |
| 06 | MEAN | 45.1 | 45.2 | 55.8 | 57.0 | 65.5 | 70.4 | 72.7 | 72.0 | 69.4 | 57.4 | 51.5 | 44.5 | 58.9 |
| | S. D. | 14.491 | 13.401 | 11.299 | 10.047 | 6.058 | 3.898 | 2.085 | 2.955 | 6.892 | 9.512 | 13.732 | 14.542 | 14.468 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 154 | 155 | 150 | 155 | 150 | 155 | 1825 |
| 09 | MEAN | 47.7 | 49.3 | 58.5 | 59.8 | 66.9 | 71.3 | 74.4 | 75.0 | 72.5 | 62.2 | 55.7 | 48.3 | 61.8 |
| | S. D. | 14.023 | 13.496 | 10.107 | 9.809 | 5.799 | 4.546 | 2.498 | 2.770 | 6.270 | 8.971 | 13.103 | 13.576 | 13.721 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 154 | 154 | 150 | 155 | 150 | 155 | 1824 |
| 12 | MEAN | 48.1 | 48.0 | 57.4 | 58.2 | 65.4 | 69.4 | 72.7 | 73.1 | 70.9 | 59.5 | 53.6 | 47.1 | 60.3 |
| | S. D. | 15.057 | 13.873 | 11.114 | 10.003 | 6.376 | 5.017 | 2.849 | 3.174 | 6.501 | 9.367 | 14.512 | 14.924 | 13.982 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 154 | 155 | 150 | 155 | 150 | 155 | 1825 |
| 15 | MEAN | 47.2 | 47.2 | 57.3 | 57.6 | 65.2 | 69.1 | 72.1 | 72.7 | 70.3 | 58.6 | 53.1 | 46.1 | 59.8 |
| | S. D. | 15.107 | 13.755 | 11.301 | 10.585 | 6.561 | 5.588 | 3.303 | 3.572 | 6.722 | 9.987 | 14.723 | 14.739 | 14.210 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 18 | MEAN | 46.5 | 46.8 | 57.2 | 57.3 | 65.4 | 69.3 | 72.9 | 73.2 | 70.7 | 59.7 | 53.3 | 45.7 | 59.9 |
| | S. D. | 15.024 | 13.689 | 10.839 | 10.085 | 6.357 | 4.944 | 2.731 | 3.012 | 6.682 | 8.846 | 13.391 | 14.397 | 14.143 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 21 | MEAN | 46.9 | 48.0 | 57.7 | 58.9 | 66.5 | 70.5 | 73.0 | 73.2 | 71.1 | 59.7 | 52.9 | 46.0 | 60.4 |
| | S. D. | 13.912 | 12.868 | 10.089 | 8.977 | 5.395 | 3.800 | 2.418 | 2.636 | 5.911 | 8.652 | 13.202 | 13.965 | 13.693 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| ALL HOURS | MEAN | 46.6 | 47.3 | 57.2 | 58.1 | 65.7 | 70.0 | 72.8 | 72.9 | 70.7 | 59.2 | 53.1 | 46.1 | 60.0 |
| | S. D. | 14.535 | 13.437 | 10.803 | 9.822 | 6.099 | 4.576 | 2.701 | 3.130 | 6.498 | 9.273 | 13.757 | 14.408 | 14.053 |
| | TOTAL OBS | 1240 | 1128 | 1240 | 1200 | 1240 | 1200 | 1235 | 1239 | 1200 | 1240 | 1200 | 1240 | 14602 |



5707 MEANS AND STANDARD DEVIATIONS JAN 68
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# RELATIVE HUMIDITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 92.3 | 83.2 | 68.4 | 41.9 | 84.7 | 155 |
| | 03 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 97.4 | 89.7 | 76.1 | 47.1 | 87.3 | 155 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.1 | 91.6 | 72.9 | 52.9 | 88.1 | 155 |
| | 09 | 100.0 | 100.0 | 100.0 | 100.0 | 98.1 | 95.5 | 81.9 | 63.9 | 40.6 | 84.0 | 155 |
| | 12 | 100.0 | 100.0 | 99.4 | 92.3 | 83.9 | 67.7 | 50.3 | 27.7 | 15.5 | 69.1 | 155 |
| | 15 | 100.0 | 100.0 | 93.5 | 86.5 | 69.7 | 60.0 | 44.5 | 21.3 | 13.5 | 64.6 | 155 |
| | 18 | 100.0 | 100.0 | 98.7 | 91.6 | 81.9 | 68.4 | 59.4 | 45.2 | 14.2 | 71.7 | 155 |
| | 21 | 100.0 | 100.0 | 100.0 | 99.4 | 96.8 | 90.3 | 76.1 | 61.3 | 31.6 | 81.9 | 155 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.0 | 96.2 | 91.2 | 83.7 | 72.1 | 54.6 | 32.2 | 78.9 | 1240 |

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# RELATIVE HUMIDITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 91.5 | 83.0 | 60.3 | 30.5 | 82.6 | 141 |
| | 03 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 96.5 | 87.2 | 71.6 | 40.4 | 86.1 | 141 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 95.7 | 86.5 | 75.2 | 44.0 | 86.6 | 141 |
| | 09 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 83.7 | 70.2 | 52.5 | 28.4 | 79.1 | 141 |
| | 12 | 100.0 | 100.0 | 98.6 | 87.2 | 65.2 | 46.8 | 25.5 | 18.4 | 5.7 | 59.9 | 141 |
| | 15 | 100.0 | 100.0 | 91.5 | 73.8 | 58.9 | 37.6 | 19.1 | 12.8 | 4.3 | 55.2 | 141 |
| | 18 | 100.0 | 100.0 | 96.5 | 85.1 | 70.9 | 55.3 | 39.7 | 19.1 | 6.4 | 62.8 | 141 |
| | 21 | 100.0 | 100.0 | 100.0 | 100.0 | 96.5 | 87.2 | 71.6 | 48.2 | 16.3 | 77.8 | 141 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.3 | 93.3 | 85.5 | 74.3 | 60.4 | 44.8 | 22.0 | 73.8 | 1128 |

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PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

# RELATIVE HUMIDITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 90.3 | 80.6 | 32.9 | 86.1 | 155 |
| | 03 | 100.0 | 100.0 | 100.0 | 99.4 | 99.4 | 97.4 | 92.9 | 81.3 | 38.7 | 87.3 | 155 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 98.1 | 94.8 | 84.5 | 45.2 | 88.0 | 155 |
| | 09 | 100.0 | 100.0 | 100.0 | 99.4 | 97.4 | 90.3 | 78.1 | 54.8 | 23.2 | 79.7 | 155 |
| | 12 | 100.0 | 99.4 | 97.4 | 91.6 | 81.9 | 62.6 | 39.4 | 18.7 | 8.4 | 65.7 | 155 |
| | 15 | 100.0 | 98.1 | 94.8 | 88.4 | 76.8 | 62.6 | 34.2 | 19.4 | 5.8 | 63.5 | 155 |
| | 18 | 100.0 | 100.0 | 98.7 | 93.5 | 86.5 | 71.0 | 61.9 | 30.3 | 9.7 | 70.3 | 155 |
| | 21 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 96.1 | 82.6 | 65.2 | 17.4 | 82.0 | 155 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.7 | 98.9 | 96.5 | 92.6 | 84.7 | 71.8 | 54.4 | 22.7 | 77.8 | 1240 |

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5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

# RELATIVE HUMIDITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) APR (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 97.3 | 92.7 | 70.0 | 18.0 | 83.6 | 150 |
| | 03 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 98.7 | 94.7 | 85.3 | 28.7 | 86.5 | 150 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 98.7 | 96.0 | 89.3 | 47.3 | 88.8 | 150 |
| | 09 | 100.0 | 100.0 | 100.0 | 98.7 | 91.3 | 76.7 | 52.0 | 20.0 | 8.7 | 69.8 | 150 |
| | 12 | 100.0 | 100.0 | 96.7 | 84.7 | 62.0 | 40.7 | 20.0 | 8.0 | 4.7 | 57.6 | 150 |
| | 15 | 100.0 | 99.3 | 95.3 | 74.7 | 52.7 | 39.3 | 22.0 | 8.7 | 6.0 | 55.2 | 150 |
| | 18 | 100.0 | 100.0 | 98.7 | 88.0 | 68.7 | 49.3 | 33.3 | 16.0 | 8.0 | 61.5 | 150 |
| | 21 | 100.0 | 100.0 | 100.0 | 100.0 | 98.0 | 92.7 | 76.7 | 45.3 | 10.7 | 78.0 | 150 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.8 | 93.3 | 83.8 | 74.2 | 60.9 | 42.8 | 16.5 | 72.6 | 1200 |

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5706 RELATIVE HUMIDITY JAN 68

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2

# RELATIVE HUMIDITY

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 PERIOD | MAY MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 95.5 | 72.9 | 20.0 | 84.3 | 155 |
| | 03 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 96.8 | 87.7 | 30.3 | 87.3 | 155 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 98.1 | 94.2 | 49.0 | 90.1 | 155 |
| | 09 | 100.0 | 100.0 | 100.0 | 100.0 | 96.1 | 78.7 | 42.6 | 16.8 | 5.8 | 69.6 | 155 |
| | 12 | 100.0 | 100.0 | 100.0 | 93.5 | 66.5 | 39.4 | 19.4 | 9.0 | 2.6 | 58.8 | 155 |
| | 15 | 100.0 | 100.0 | 98.7 | 87.1 | 65.2 | 36.8 | 17.4 | 8.4 | 4.5 | 57.3 | 155 |
| | 18 | 100.0 | 100.0 | 100.0 | 94.8 | 83.2 | 61.3 | 32.3 | 14.2 | 3.9 | 64.5 | 155 |
| | 21 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.4 | 85.8 | 53.5 | 8.4 | 80.0 | 155 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.8 | 96.9 | 88.9 | 76.4 | 61.0 | 44.6 | 15.6 | 74.0 | 1240 |

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5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

# RELATIVE HUMIDITY

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 PERIOD | JUN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 96.7 | 77.3 | 29.3 | 85.8 | 150 |
| | 03 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 83.3 | 42.7 | 88.0 | 150 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 94.7 | 50.7 | 90.2 | 150 |
| | 09 | 100.0 | 100.0 | 100.0 | 99.3 | 94.0 | 72.7 | 36.7 | 9.3 | 1.3 | 67.1 | 150 |
| | 12 | 100.0 | 100.0 | 100.0 | 90.7 | 68.7 | 41.3 | 14.0 | 6.0 | 2.0 | 57.7 | 150 |
| | 15 | 100.0 | 100.0 | 99.3 | 81.3 | 64.0 | 42.0 | 15.3 | 8.7 | 2.7 | 56.8 | 150 |
| | 18 | 100.0 | 100.0 | 100.0 | 92.7 | 77.3 | 59.3 | 30.0 | 12.7 | 3.3 | 63.2 | 150 |
| | 21 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.0 | 81.3 | 50.7 | 12.0 | 79.1 | 150 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 95.5 | 88.0 | 76.1 | 59.0 | 42.8 | 18.0 | 73.5 | 1200 |

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5706 RELATIVE HUMIDITY JAN 68

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# RELATIVE HUMIDITY

2

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 98.7 | 85.7 | 32.5 | 87.4 | 154 |
| | 03 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.8 | 48.1 | 89.9 | 154 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 65.6 | 91.8 | 154 |
| | 09 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 92.2 | 47.4 | 10.4 | 2.6 | 70.5 | 154 |
| | 12 | 100.0 | 100.0 | 100.0 | 100.0 | 81.8 | 44.2 | 21.4 | 12.3 | 4.5 | 62.0 | 154 |
| | 15 | 100.0 | 100.0 | 100.0 | 96.8 | 73.5 | 45.8 | 29.0 | 12.9 | 5.2 | 61.8 | 155 |
| | 18 | 100.0 | 100.0 | 100.0 | 100.0 | 94.8 | 73.5 | 43.9 | 19.4 | 5.8 | 69.6 | 155 |
| | 21 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 90.3 | 63.9 | 18.7 | 82.7 | 155 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.6 | 93.7 | 81.7 | 66.3 | 49.9 | 22.9 | 77.0 | 1235 |

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5706 RELATIVE HUMIDITY JAN 68

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# RELATIVE HUMIDITY

12958 NEW ORLEANS, LOUISIANA 73-77 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 83.2 | 45.2 | 88.7 | 155 |
| | 03 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 92.9 | 51.0 | 89.9 | 155 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.8 | 56.1 | 91.3 | 155 |
| | 09 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 96.8 | 60.4 | 22.1 | 10.4 | 74.6 | 154 |
| | 12 | 100.0 | 100.0 | 100.0 | 98.1 | 86.5 | 51.0 | 21.9 | 14.2 | 8.4 | 63.5 | 155 |
| | 15 | 100.0 | 100.0 | 100.0 | 95.5 | 84.5 | 60.0 | 41.9 | 27.7 | 11.6 | 68.0 | 155 |
| | 18 | 100.0 | 100.0 | 100.0 | 100.0 | 94.8 | 82.6 | 59.4 | 40.6 | 16.8 | 75.0 | 155 |
| | 21 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 91.0 | 67.7 | 36.1 | 84.8 | 155 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.2 | 93.7 | 86.2 | 71.6 | 55.4 | 29.5 | 79.5 | 1239 |

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5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

# RELATIVE HUMIDITY

12958 STATION | NEW ORLEANS, LOUISIANA STATION NAME | 73-77 PERIOD | SEP MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 97.3 | 90.7 | 42.7 | 89.0 | 150 |
| | 03 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.0 | 92.0 | 59.3 | 90.8 | 150 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 98.7 | 94.7 | 62.7 | 91.7 | 150 |
| | 09 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.7 | 76.0 | 29.3 | 9.3 | 76.8 | 150 |
| | 12 | 100.0 | 100.0 | 100.0 | 98.0 | 87.3 | 59.3 | 34.0 | 15.3 | 8.7 | 65.9 | 150 |
| | 15 | 100.0 | 100.0 | 100.0 | 94.0 | 79.3 | 58.0 | 35.3 | 22.0 | 11.3 | 65.4 | 150 |
| | 18 | 100.0 | 100.0 | 100.0 | 99.3 | 91.3 | 80.7 | 60.7 | 28.7 | 10.7 | 72.5 | 150 |
| | 21 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 96.0 | 76.0 | 22.7 | 85.1 | 150 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 98.9 | 94.7 | 86.3 | 74.5 | 56.1 | 28.4 | 79.7 | 1200 |

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5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

# RELATIVE HUMIDITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 94.2 | 78.7 | 30.3 | 86.3 | 155 |
| | 03 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.8 | 83.9 | 42.6 | 88.5 | 155 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 97.4 | 89.7 | 49.7 | 89.5 | 155 |
| | 09 | 100.0 | 100.0 | 100.0 | 100.0 | 94.8 | 87.1 | 68.4 | 34.8 | 9.0 | 74.4 | 155 |
| | 12 | 100.0 | 100.0 | 99.4 | 86.5 | 65.8 | 38.7 | 15.5 | 7.7 | 3.2 | 57.2 | 155 |
| | 15 | 100.0 | 100.0 | 98.1 | 78.7 | 56.1 | 32.9 | 18.7 | 10.3 | 5.8 | 55.2 | 155 |
| | 18 | 100.0 | 100.0 | 100.0 | 98.7 | 92.9 | 71.6 | 49.7 | 21.9 | 5.2 | 69.3 | 155 |
| | 21 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 95.5 | 90.3 | 69.0 | 14.2 | 82.8 | 155 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.7 | 95.5 | 88.6 | 78.0 | 66.4 | 49.5 | 20.0 | 75.4 | 1240 |

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5706 RELATIVE HUMIDITY JAN 68

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# RELATIVE HUMIDITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00 | 100.0 | 100.0 | 99.3 | 99.3 | 96.7 | 96.0 | 90.0 | 80.7 | 46.0 | 87.0 | 150 |
| | 03 | 100.0 | 100.0 | 99.3 | 99.3 | 99.3 | 96.7 | 90.0 | 82.0 | 56.7 | 89.0 | 150 |
| | 06 | 100.0 | 100.0 | 100.0 | 99.3 | 98.7 | 97.3 | 92.7 | 86.7 | 63.3 | 90.4 | 150 |
| | 09 | 100.0 | 100.0 | 100.0 | 97.3 | 94.0 | 90.7 | 80.0 | 56.7 | 28.7 | 81.2 | 150 |
| | 12 | 100.0 | 100.0 | 95.3 | 86.7 | 75.3 | 56.7 | 32.0 | 20.7 | 10.7 | 63.6 | 150 |
| | 15 | 100.0 | 98.7 | 92.7 | 78.7 | 67.3 | 54.0 | 36.0 | 22.0 | 8.0 | 61.9 | 150 |
| | 18 | 100.0 | 100.0 | 98.7 | 98.0 | 90.0 | 81.3 | 64.7 | 48.0 | 15.3 | 75.2 | 150 |
| | 21 | 100.0 | 100.0 | 98.7 | 98.7 | 96.0 | 94.0 | 87.3 | 72.7 | 30.7 | 83.9 | 150 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 98.0 | 94.7 | 89.7 | 83.3 | 71.6 | 58.7 | 32.4 | 79.0 | 1200 |

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5706 RELATIVE HUMIDITY JAN 68

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# RELATIVE HUMIDITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00 | 100.0 | 100.0 | 100.0 | 99.4 | 96.1 | 91.6 | 87.7 | 72.3 | 44.5 | 85.5 | 155 |
| | 03 | 100.0 | 100.0 | 100.0 | 99.4 | 98.1 | 96.1 | 90.3 | 81.9 | 51.6 | 88.0 | 155 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 96.1 | 90.3 | 81.3 | 55.5 | 88.7 | 155 |
| | 09 | 100.0 | 100.0 | 100.0 | 97.4 | 95.5 | 91.0 | 81.3 | 62.6 | 39.4 | 82.9 | 155 |
| | 12 | 100.0 | 100.0 | 97.4 | 87.1 | 75.5 | 56.1 | 36.1 | 21.9 | 8.4 | 64.0 | 155 |
| | 15 | 100.0 | 100.0 | 96.1 | 81.3 | 61.3 | 49.7 | 33.5 | 17.4 | 7.7 | 60.0 | 155 |
| | 18 | 100.0 | 100.0 | 99.4 | 96.8 | 84.5 | 69.7 | 54.2 | 32.9 | 12.3 | 70.9 | 155 |
| | 21 | 100.0 | 100.0 | 99.4 | 98.7 | 95.5 | 91.0 | 81.9 | 61.3 | 27.1 | 81.5 | 155 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.0 | 95.0 | 88.2 | 80.2 | 69.4 | 54.0 | 30.8 | 77.7 | 1240 |

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5706 RELATIVE HUMIDITY JAN 68
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# RELATIVE HUMIDITY

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 99.0 | 96.2 | 91.2 | 83.7 | 72.1 | 54.6 | 32.2 | 78.9 | 1240 |
| FEB | | 100.0 | 100.0 | 98.3 | 93.3 | 85.5 | 74.3 | 60.4 | 44.8 | 22.0 | 73.8 | 1128 |
| MAR | | 100.0 | 99.7 | 98.9 | 96.5 | 92.6 | 84.7 | 71.8 | 54.4 | 22.7 | 77.8 | 1240 |
| APR | | 100.0 | 99.9 | 98.8 | 93.3 | 83.8 | 74.2 | 60.9 | 42.8 | 16.5 | 72.6 | 1200 |
| MAY | | 100.0 | 100.0 | 99.8 | 96.9 | 88.9 | 76.4 | 61.0 | 44.6 | 15.6 | 74.0 | 1240 |
| JUN | | 100.0 | 100.0 | 99.9 | 95.5 | 88.0 | 76.1 | 59.0 | 42.8 | 18.0 | 73.5 | 1200 |
| JUL | | 100.0 | 100.0 | 100.0 | 99.6 | 93.7 | 81.7 | 66.3 | 49.9 | 22.9 | 77.0 | 1235 |
| AUG | | 100.0 | 100.0 | 100.0 | 99.2 | 95.7 | 86.2 | 71.6 | 55.4 | 29.5 | 79.5 | 1239 |
| SEP | | 100.0 | 100.0 | 100.0 | 98.9 | 94.7 | 86.3 | 74.5 | 56.1 | 28.4 | 79.7 | 1200 |
| OCT | | 100.0 | 100.0 | 99.7 | 95.5 | 88.6 | 78.0 | 66.4 | 49.5 | 20.0 | 75.4 | 1240 |
| NOV | | 100.0 | 99.8 | 98.0 | 94.7 | 89.7 | 83.3 | 71.6 | 58.7 | 32.4 | 79.0 | 1200 |
| DEC | | 100.0 | 100.0 | 99.0 | 95.0 | 88.2 | 80.2 | 69.4 | 54.0 | 30.8 | 77.7 | 1240 |
| TOTALS | | 100.0 | 100.0 | 99.3 | 96.2 | 90.1 | 80.4 | 67.1 | 50.6 | 24.3 | 76.6 | 14602 |

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5706 RELATIVE HUMIDITY JAN 68

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1842

2

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 1973-DEC 1977 (YEARS) JANUARY (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | | | | | | | | | |
| 77 TO 81 | | | | 7,7 | 53,8 | 23,1 | 15,4 | | | 13 | 1,0 |
| 72 TO 76 | 3,6 | 1,8 | | 8,9 | 55,4 | 21,4 | 7,1 | | 1,8 | 56 | 4,5 |
| 67 TO 71 | 3,5 | 4,2 | 2,8 | 19,4 | 43,8 | 14,6 | 8,3 | 2,1 | 1,4 | 144 | 11,6 |
| 62 TO 66 | 6,0 | 6,6 | 6,0 | 29,1 | 23,1 | 6,6 | 6,6 | 1,6 | 14,3 | 182 | 14,7 |
| 57 TO 61 | 11,1 | 6,8 | 17,9 | 25,9 | 9,9 | 5,6 | 6,8 | 4,9 | 11,1 | 162 | 13,1 |
| 52 TO 56 | 12,4 | 15,7 | 28,7 | 8,4 | 4,5 | 4,5 | 7,3 | 7,3 | 11,2 | 178 | 14,4 |
| 47 TO 51 | 29,8 | 15,3 | 16,8 | 7,6 | 2,3 | 1,5 | 2,3 | 6,9 | 17,6 | 131 | 10,6 |
| 42 TO 46 | 41,5 | 14,4 | 7,6 | 3,4 | 1,7 | | | 9,3 | 22,0 | 118 | 9,5 |
| 37 TO 41 | 22,3 | 32,2 | 10,7 | 1,7 | ,8 | 3,3 | 4,1 | 6,6 | 18,2 | 121 | 9,8 |
| 32 TO 36 | 26,2 | 28,6 | 2,4 | | 1,2 | 1,2 | 3,6 | 3,6 | 33,3 | 84 | 6,8 |
| 27 TO 31 | 27,3 | 24,2 | | | 3,0 | | 6,1 | 9,1 | 30,3 | 33 | 2,7 |
| 22 TO 26 | 23,5 | 29,4 | | | | | | | 47,1 | 17 | 1,4 |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO-4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO-14 | | | | | | | | | | | |
| -23 TO-19 | | | | | | | | | | | |
| -28 TO-24 | | | | | | | | | | | |
| -33 TO-29 | | | | | | | | | | | |
| -38 TO-34 | | | | | | | | | | | |
| -43 TO-39 | | | | | | | | | | | |
| -48 TO-44 | | | | | | | | | | | |
| -53 TO-49 | | | | | | | | | | | |
| -58 TO-54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 16,8 | 13,8 | 11,4 | 12,9 | 14,1 | 5,8 | 5,4 | 4,9 | 14,9 | 1239 | 100,0 |

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5709 FREQ. AIR TEMPS. VS. WIND DIR. JAN. 68

2

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 1973-DEC 1977 (YEARS) FEBRUARY (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | | | | 50,0 | | | 50,0 | 2 | ,2 |
| 77 TO 81 | | | | 5,3 | 47,4 | 31,6 | 15,8 | | | 19 | 1,7 |
| 72 TO 76 | 2,0 | 1,0 | | 13,0 | 48,0 | 24,0 | 9,0 | 2,0 | 1,0 | 100 | 8,9 |
| 67 TO 71 | 5,6 | ,7 | 7,6 | 18,8 | 37,5 | 15,3 | 7,6 | 3,5 | 3,5 | 144 | 12,8 |
| 62 TO 66 | 6,3 | 3,2 | 8,2 | 24,7 | 17,7 | 12,0 | 8,2 | 7,6 | 12,0 | 158 | 14,0 |
| 57 TO 61 | 14,1 | 4,9 | 12,3 | 17,8 | 12,9 | 7,4 | 8,6 | 8,6 | 13,5 | 163 | 14,5 |
| 52 TO 56 | 20,5 | 4,8 | 18,1 | 7,8 | 11,4 | 6,6 | 6,0 | 9,0 | 15,7 | 166 | 14,7 |
| 47 TO 51 | 22,8 | 12,5 | 15,4 | 4,4 | | 2,9 | 6,6 | 12,5 | 22,8 | 136 | 12,1 |
| 42 TO 46 | 21,4 | 13,3 | 5,1 | 1,0 | 2,0 | 4,1 | 5,1 | 6,1 | 41,8 | 98 | 8,7 |
| 37 TO 41 | 22,0 | 24,4 | 9,8 | 2,4 | 1,2 | | 2,4 | 7,3 | 30,5 | 82 | 7,3 |
| 32 TO 36 | 9,1 | 20,5 | 11,4 | | 2,3 | 2,3 | 6,8 | 2,3 | 45,5 | 44 | 3,9 |
| 27 TO 31 | | 62,5 | | | | | | | 37,5 | 16 | 1,4 |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| −3 TO 1 | | | | | | | | | | | |
| −8 TO−4 | | | | | | | | | | | |
| −13 TO −9 | | | | | | | | | | | |
| −18 TO−14 | | | | | | | | | | | |
| −23 TO−19 | | | | | | | | | | | |
| −28 TO−24 | | | | | | | | | | | |
| −33 TO−29 | | | | | | | | | | | |
| −38 TO−34 | | | | | | | | | | | |
| −43 TO−39 | | | | | | | | | | | |
| −48 TO−44 | | | | | | | | | | | |
| −53 TO−49 | | | | | | | | | | | |
| −58 TO−54 | | | | | | | | | | | |
| −59 & LWR | | | | | | | | | | | |
| TOTALS | 13,4 | 8,2 | 10,0 | 11,6 | 16,2 | 9,2 | 7,0 | 6,9 | 17,5 | 1128 | 100,0 |

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5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

1842

2

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 1973-DEC 1977 (YEARS) MARCH (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | | | 55.6 | 22.2 | 16.7 | 5.6 | | 18 | 1.5 |
| 77 TO 81 | 2.2 | 1.1 | 3.3 | 3.3 | 58.2 | 20.9 | 9.9 | | 1.1 | 91 | 7.3 |
| 72 TO 76 | 1.1 | 1.5 | 2.7 | 12.9 | 47.3 | 22.7 | 7.6 | 1.5 | 2.7 | 264 | 21.3 |
| 67 TO 71 | 5.7 | 1.2 | 11.5 | 23.8 | 28.3 | 9.8 | 9.4 | 3.7 | 6.6 | 244 | 19.7 |
| 62 TO 66 | 11.5 | 9.0 | 18.4 | 19.7 | 22.6 | 1.7 | 5.6 | 5.1 | 6.4 | 234 | 18.9 |
| 57 TO 61 | 19.4 | 14.4 | 22.3 | 10.8 | 5.0 | | 1.4 | 5.8 | 20.9 | 139 | 11.2 |
| 52 TO 56 | 30.6 | 24.3 | 9.0 | 3.6 | 3.6 | 1.8 | 1.8 | 3.6 | 21.6 | 111 | 9.0 |
| 47 TO 51 | 18.1 | 24.1 | 13.3 | 3.6 | | | 1.2 | 3.6 | 36.1 | 83 | 6.7 |
| 42 TO 46 | 16.2 | 32.4 | 2.7 | | | | | 8.1 | 40.5 | 37 | 3.0 |
| 37 TO 41 | 6.3 | 12.5 | | | | | | | 81.3 | 16 | 1.3 |
| 32 TO 36 | | | | | | | | | 100.0 | 3 | .2 |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| −3 TO 1 | | | | | | | | | | | |
| −8 TO −4 | | | | | | | | | | | |
| −13 TO −9 | | | | | | | | | | | |
| −18 TO −14 | | | | | | | | | | | |
| −23 TO −19 | | | | | | | | | | | |
| −28 TO −24 | | | | | | | | | | | |
| −33 TO −29 | | | | | | | | | | | |
| −38 TO −34 | | | | | | | | | | | |
| −43 TO −39 | | | | | | | | | | | |
| −48 TO −44 | | | | | | | | | | | |
| −53 TO −49 | | | | | | | | | | | |
| −58 TO −54 | | | | | | | | | | | |
| −59 & LWR | | | | | | | | | | | |
| TOTALS | 10.4 | 8.9 | 10.8 | 13.1 | 25.9 | 9.1 | 5.9 | 3.5 | 12.3 | 1240 | 100.0 |

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 1973-DEC 1977 (YEARS) APRIL (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | 100,0 | | | | 1 | ,1 |
| 82 TO 86 | 7,1 | 1,8 | 7,1 | 12,5 | 42,9 | 14,3 | 12,5 | 1,8 | | 56 | 4,7 |
| 77 TO 81 | 4,4 | 2,2 | 9,9 | 23,1 | 47,3 | 2,7 | 6,6 | 2,7 | 1,1 | 182 | 15,2 |
| 72 TO 76 | 6,4 | 2,7 | 13,1 | 28,2 | 34,6 | 4,7 | 4,0 | 3,7 | 2,7 | 298 | 24,8 |
| 67 TO 71 | 7,3 | 4,9 | 17,1 | 32,7 | 11,7 | 3,9 | 4,4 | 5,4 | 12,7 | 205 | 17,1 |
| 62 TO 66 | 11,4 | 17,1 | 20,6 | 10,3 | 2,9 | 4,0 | 4,6 | 9,7 | 19,4 | 175 | 14,6 |
| 57 TO 61 | 13,2 | 11,6 | 6,6 | 4,1 | 4,1 | 4,1 | 6,6 | 7,4 | 42,1 | 121 | 10,1 |
| 52 TO 56 | 10,1 | 12,4 | | 2,2 | 2,2 | 1,1 | 4,5 | 2,2 | 65,2 | 89 | 7,4 |
| 47 TO 51 | 5,8 | 11,5 | | | | | 1,9 | 1,9 | 78,8 | 52 | 4,3 |
| 42 TO 46 | 11,1 | 11,1 | | | | | 11,1 | | 66,7 | 18 | 1,5 |
| 37 TO 41 | | | | | | | | | 100,0 | 3 | ,3 |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 8,0 | 7,2 | 11,7 | 18,8 | 20,8 | 4,1 | 5,3 | 4,8 | 19,6 | 1200 | 100,0 |

NAVWEASERVCOM

5709/1 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

1842

2

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 1973-DEC 1977 (YEARS) MAY (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | 14.3 | 14.3 | 14.3 | 28.6 | | 14.3 | | 14.3 | 7 | .6 |
| 87 TO 91 | 4.6 | 4.6 | 6.2 | 10.8 | 43.1 | 13.8 | 12.3 | 1.5 | 3.1 | 65 | 5.2 |
| 82 TO 86 | 5.9 | 4.1 | 10.9 | 14.9 | 32.1 | 14.5 | 7.2 | 4.5 | 5.9 | 221 | 17.8 |
| 77 TO 81 | 4.6 | 5.7 | 11.5 | 21.8 | 25.7 | 10.3 | 7.3 | 3.1 | 10.0 | 261 | 21.0 |
| 72 TO 76 | 4.9 | 6.8 | 13.0 | 19.8 | 18.8 | 7.8 | 7.5 | 2.3 | 19.2 | 308 | 24.8 |
| 67 TO 71 | 6.9 | 11.8 | 2.5 | 11.4 | 7.3 | 7.3 | 4.5 | 4.1 | 43.9 | 246 | 19.8 |
| 62 TO 66 | 11.1 | 5.6 | 1.1 | 2.2 | 6.7 | 2.2 | 4.4 | 5.6 | 61.1 | 90 | 7.3 |
| 57 TO 61 | 9.4 | 12.5 | | | 3.1 | 6.3 | 6.3 | | 62.5 | 32 | 2.6 |
| 52 TO 56 | | | | | | | | | 100.0 | 9 | .7 |
| 47 TO 51 | | | | | | | | | 100.0 | 1 | .1 |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 5.9 | 7.0 | 8.6 | 15.2 | 20.2 | 9.2 | 6.8 | 3.3 | 23.7 | 1240 | 100.0 |

NAVWEASERVCOM

5709 FREQ. TEMP. VS. WIND DIR. JAN. 68

2

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | JUNE (MONTH) | ALL (HOURS (L.S.T.))

## WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | 5.7 | 5.7 | 17.0 | 13.2 | 22.6 | 18.9 | 11.3 | | 5.7 | 53 | 4.4 |
| 87 TO 91 | 5.4 | 4.4 | 6.9 | 12.8 | 34.0 | 12.8 | 15.3 | 4.4 | 3.9 | 203 | 16.9 |
| 82 TO 86 | 9.2 | 4.6 | 14.6 | 9.6 | 29.2 | 10.8 | 11.2 | 5.4 | 5.4 | 260 | 21.7 |
| 77 TO 81 | 2.2 | 4.1 | 9.3 | 17.2 | 23.5 | 8.2 | 7.8 | 1.5 | 26.1 | 268 | 22.3 |
| 72 TO 76 | 3.1 | 4.9 | 4.3 | 3.4 | 4.6 | 5.8 | 2.8 | 2.5 | 68.6 | 325 | 27.1 |
| 67 TO 71 | 11.6 | 2.9 | | | 1.4 | | 1.4 | 1.4 | 81.2 | 69 | 5.8 |
| 62 TO 66 | 9.5 | 9.5 | | | | | | | 81.0 | 21 | 1.8 |
| 57 TO 61 | | | | | | | | | 100.0 | 1 | .1 |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| −3 TO 1 | | | | | | | | | | | |
| −8 TO −4 | | | | | | | | | | | |
| −13 TO −9 | | | | | | | | | | | |
| −18 TO −14 | | | | | | | | | | | |
| −23 TO −19 | | | | | | | | | | | |
| −28 TO −24 | | | | | | | | | | | |
| −33 TO −29 | | | | | | | | | | | |
| −38 TO −34 | | | | | | | | | | | |
| −43 TO −39 | | | | | | | | | | | |
| −48 TO −44 | | | | | | | | | | | |
| −53 TO −49 | | | | | | | | | | | |
| −58 TO −54 | | | | | | | | | | | |
| −59 & LWR | | | | | | | | | | | |
| TOTALS | 5.3 | 4.6 | 8.3 | 9.6 | 19.7 | 8.8 | 8.1 | 3.0 | 32.7 | 1200 | 100.0 |

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 1973-DEC 1977 (YEARS) JULY (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | 100.0 | | | 2 | .2 |
| 92 TO 96 | 9.9 | 5.0 | 10.9 | 7.9 | 7.9 | 6.9 | 33.7 | 10.9 | 6.9 | 101 | 8.1 |
| 87 TO 91 | 8.4 | 7.1 | 10.2 | 11.5 | 11.1 | 14.6 | 15.5 | 16.4 | 5.3 | 226 | 18.2 |
| 82 TO 86 | 6.7 | 4.9 | 9.8 | 8.0 | 14.2 | 13.8 | 13.8 | 9.8 | 19.1 | 225 | 18.1 |
| 77 TO 81 | 3.4 | 3.7 | 2.1 | 3.4 | 11.6 | 11.0 | 10.7 | 4.6 | 49.7 | 328 | 26.5 |
| 72 TO 76 | 1.4 | 4.6 | 1.7 | 2.9 | 3.4 | 4.0 | 7.5 | 2.6 | 71.8 | 348 | 28.1 |
| 67 TO 71 | | | | | | | | | 100.0 | 9 | .7 |
| 62 TO 66 | | | | | | | | | | | |
| 57 TO 61 | | | | | | | | | | | |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| −3 TO 1 | | | | | | | | | | | |
| −8 TO−4 | | | | | | | | | | | |
| −13 TO −9 | | | | | | | | | | | |
| −18 TO−14 | | | | | | | | | | | |
| −23 TO−19 | | | | | | | | | | | |
| −28 TO−24 | | | | | | | | | | | |
| −33 TO−29 | | | | | | | | | | | |
| −38 TO−34 | | | | | | | | | | | |
| −43 TO−39 | | | | | | | | | | | |
| −48 TO−44 | | | | | | | | | | | |
| −53 TO−49 | | | | | | | | | | | |
| −58 TO−54 | | | | | | | | | | | |
| −59 & LWR | | | | | | | | | | | |
| TOTALS | 4.8 | 4.8 | 5.6 | 5.9 | 9.3 | 9.8 | 13.2 | 7.6 | 39.0 | 1240 | 100.0 |

NAVWEASERVCOM

5706 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | AUGUST (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | 100.0 | | 2 | .2 |
| 92 TO 96 | 17.1 | 11.8 | 15.8 | 7.9 | 17.1 | 3.9 | 13.2 | 5.3 | 7.9 | 76 | 6.1 |
| 87 TO 91 | 9.6 | 5.9 | 26.7 | 19.8 | 12.8 | 3.7 | 7.5 | 5.9 | 8.0 | 187 | 15.1 |
| 82 TO 86 | 6.6 | 12.4 | 20.8 | 13.7 | 11.5 | 7.1 | 8.8 | 5.3 | 13.7 | 226 | 18.2 |
| 77 TO 81 | 4.5 | 6.0 | 12.0 | 8.4 | 9.3 | 5.4 | 5.4 | 2.4 | 46.4 | 332 | 26.8 |
| 72 TO 76 | 2.6 | 4.5 | 2.4 | 2.4 | 4.7 | 2.4 | 2.9 | .5 | 77.7 | 382 | 30.6 |
| 67 TO 71 | 5.7 | 5.7 | | | | 5.7 | | | 82.9 | 35 | 2.8 |
| 62 TO 66 | | | | | | | | | | | |
| 57 TO 61 | | | | | | | | | | | |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| −3 TO 1 | | | | | | | | | | | |
| −8 TO −4 | | | | | | | | | | | |
| −13 TO −9 | | | | | | | | | | | |
| −18 TO −14 | | | | | | | | | | | |
| −23 TO −19 | | | | | | | | | | | |
| −28 TO −24 | | | | | | | | | | | |
| −33 TO −29 | | | | | | | | | | | |
| −38 TO −34 | | | | | | | | | | | |
| −43 TO −39 | | | | | | | | | | | |
| −48 TO −44 | | | | | | | | | | | |
| −53 TO −49 | | | | | | | | | | | |
| −58 TO −54 | | | | | | | | | | | |
| −59 & LWR | | | | | | | | | | | |
| TOTALS | 5.9 | 7.0 | 12.7 | 9.0 | 9.0 | 4.4 | 5.9 | 3.1 | 42.9 | 1240 | 100.0 |

NAVWEASERVCOM

5709 FREQ. AT TEMP. VS. WIND DIR. JAN 68

1843

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 1973-DEC 1977 (YEARS) SEPTEMBER (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | 25.0 | 6.3 | 12.5 | 6.3 | 25.0 | | 18.8 | | 6.3 | 16 | 1.3 |
| 87 TO 91 | 6.6 | 11.8 | 27.2 | 10.3 | 11.8 | 12.5 | 7.4 | 5.1 | 7.4 | 136 | 11.3 |
| 82 TO 86 | 9.9 | 11.2 | 24.4 | 15.3 | 12.0 | 11.6 | 4.5 | 5.0 | 6.2 | 242 | 20.2 |
| 77 TO 81 | 9.1 | 11.0 | 22.1 | 13.6 | 7.8 | 2.9 | 3.6 | 3.6 | 26.3 | 308 | 25.7 |
| 72 TO 76 | 12.9 | 12.0 | 4.1 | 5.9 | 2.9 | 2.1 | 1.5 | 3.2 | 55.4 | 341 | 28.4 |
| 67 TO 71 | 19.5 | 20.7 | 1.2 | | | | 1.2 | 2.4 | 54.9 | 82 | 6.8 |
| 62 TO 66 | 36.2 | 14.9 | | | | | 2.1 | 4.3 | 42.6 | 47 | 3.9 |
| 57 TO 61 | 17.6 | 17.6 | | | | | | | 64.7 | 17 | 1.4 |
| 52 TO 56 | | | | | | | | | 100.0 | 11 | .9 |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| –3 TO 1 | | | | | | | | | | | |
| –8 TO –4 | | | | | | | | | | | |
| –13 TO –9 | | | | | | | | | | | |
| –18 TO –14 | | | | | | | | | | | |
| –23 TO –19 | | | | | | | | | | | |
| –28 TO –24 | | | | | | | | | | | |
| –33 TO –29 | | | | | | | | | | | |
| –38 TO –34 | | | | | | | | | | | |
| –43 TO –39 | | | | | | | | | | | |
| –48 TO –44 | | | | | | | | | | | |
| –53 TO –49 | | | | | | | | | | | |
| –58 TO –54 | | | | | | | | | | | |
| –59 & LWR | | | | | | | | | | | |
| TOTALS | 12.1 | 12.2 | 15.1 | 9.5 | 6.9 | 5.1 | 3.5 | 3.8 | 31.9 | 1200 | 100.0 |

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | OCTOBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | 23,5 | 23,5 | 5,9 | 11,8 | 11,8 | 23,5 | | | 17 | 1,4 |
| 82 TO 86 | 6,2 | 8,6 | 28,4 | 29,6 | 14,8 | 3,7 | 3,7 | | 4,9 | 81 | 6,5 |
| 77 TO 81 | 9,0 | 11,6 | 22,6 | 28,4 | 12,3 | 3,2 | 1,9 | 2,6 | 8,4 | 155 | 12,5 |
| 72 TO 76 | 12,2 | 9,8 | 24,4 | 25,2 | 5,1 | 1,6 | 2,8 | 3,1 | 15,7 | 254 | 20,5 |
| 67 TO 71 | 17,0 | 14,9 | 21,2 | 9,1 | 2,5 | 3,3 | 2,5 | 4,6 | 24,9 | 241 | 19,4 |
| 62 TO 66 | 21,1 | 15,2 | 9,9 | 1,2 | 1,2 | 2,9 | 2,3 | 4,7 | 41,5 | 171 | 13,8 |
| 57 TO 61 | 22,9 | 20,1 | 1,4 | ,7 | | ,7 | 3,5 | 4,2 | 46,5 | 144 | 11,6 |
| 52 TO 56 | 16,1 | 12,7 | | | | | ,8 | | 70,3 | 118 | 9,5 |
| 47 TO 51 | 10,3 | 12,8 | | | 2,6 | | 2,6 | | 71,8 | 39 | 3,1 |
| 42 TO 46 | 11,8 | 11,8 | | | | | | | 76,5 | 17 | 1,4 |
| 37 TO 41 | | | | | | | | | 100,0 | 3 | ,2 |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 14,9 | 13,5 | 15,6 | 12,7 | 4,4 | 2,3 | 2,7 | 3,0 | 30,8 | 1240 | 100,0 |

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

1843

2

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE
# VS.
# WIND DIRECTION

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 1973-DEC 1977 (YEARS) NOVEMBER (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | 11,1 | 11,1 | 66,7 | 11,1 | | | | 9 | ,8 |
| 77 TO 81 | 2,7 | 1,3 | 6,7 | 21,3 | 40,0 | 16,0 | 2,7 | 4,0 | 5,3 | 75 | 6,3 |
| 72 TO 76 | 1,3 | ,6 | 12,2 | 35,9 | 33,3 | 8,3 | 2,6 | 1,9 | 3,8 | 156 | 13,0 |
| 67 TO 71 | 11,1 | 4,5 | 15,2 | 28,8 | 17,7 | 5,6 | 3,0 | 2,0 | 12,1 | 198 | 16,5 |
| 62 TO 66 | 11,6 | 5,2 | 23,3 | 18,6 | 6,4 | 1,7 | 5,2 | 8,1 | 19,8 | 172 | 14,3 |
| 57 TO 61 | 18,5 | 17,8 | 24,8 | 5,7 | ,6 | 1,3 | 3,8 | 8,3 | 19,1 | 157 | 13,1 |
| 52 TO 56 | 27,4 | 22,6 | 6,2 | 2,7 | 1,4 | ,7 | 2,1 | 11,6 | 25,3 | 146 | 12,2 |
| 47 TO 51 | 25,2 | 14,3 | 9,2 | 2,5 | | 1,7 | 1,7 | 10,9 | 34,5 | 119 | 9,9 |
| 42 TO 46 | 14,7 | 17,3 | | | 2,7 | 1,3 | 1,3 | 8,0 | 54,7 | 75 | 6,3 |
| 37 TO 41 | 19,6 | 12,5 | | | | | | 3,6 | 64,3 | 56 | 4,7 |
| 32 TO 36 | 21,2 | 6,1 | | | | | | 3,0 | 69,7 | 33 | 2,8 |
| 27 TO 31 | 50,0 | | | | | | | | 50,0 | 4 | ,3 |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO-4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO-14 | | | | | | | | | | | |
| -23 TO-19 | | | | | | | | | | | |
| -28 TO-24 | | | | | | | | | | | |
| -33 TO-29 | | | | | | | | | | | |
| -38 TO-34 | | | | | | | | | | | |
| -43 TO-39 | | | | | | | | | | | |
| -48 TO-44 | | | | | | | | | | | |
| -53 TO-49 | | | | | | | | | | | |
| -58 TO-54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 14,7 | 10,0 | 12,8 | 14,8 | 11,6 | 3,8 | 2,8 | 6,3 | 23,2 | 1200 | 100,0 |

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) | NEW ORLEANS, LOUISIANA (STATION NAME) | JAN 1973-DEC 1977 (YEARS) | DECEMBER (MONTH) | ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | | | | | | | | | |
| 77 TO 81 | | | | 6.3 | 25.0 | 50.0 | 18.8 | | | 16 | 1.3 |
| 72 TO 76 | 2.0 | | | 15.7 | 35.3 | 43.1 | 3.9 | | | 51 | 4.1 |
| 67 TO 71 | 2.4 | | 7.1 | 26.0 | 36.2 | 14.2 | 7.1 | 1.6 | 5.5 | 127 | 10.2 |
| 62 TO 66 | 8.6 | 2.9 | 7.5 | 22.4 | 27.6 | 13.8 | 6.3 | 3.4 | 7.5 | 174 | 14.0 |
| 57 TO 61 | 15.5 | 8.8 | 16.0 | 23.2 | 9.4 | 2.8 | 5.0 | 8.8 | 10.5 | 181 | 14.6 |
| 52 TO 56 | 22.3 | 14.5 | 17.3 | 11.2 | 6.7 | 2.8 | 3.9 | 8.4 | 12.8 | 179 | 14.4 |
| 47 TO 51 | 19.9 | 15.9 | 10.6 | 4.6 | 3.3 | 2.6 | 7.3 | 19.2 | 16.6 | 151 | 12.2 |
| 42 TO 46 | 22.6 | 17.3 | 9.8 | 3.0 | 2.3 | 2.3 | 6.0 | 12.8 | 24.1 | 133 | 10.7 |
| 37 TO 41 | 17.4 | 21.1 | 2.8 | | 1.8 | .9 | 6.4 | 10.1 | 39.4 | 109 | 8.8 |
| 32 TO 36 | 19.2 | 23.3 | | | | | 2.7 | 6.8 | 47.9 | 73 | 5.9 |
| 27 TO 31 | 5.4 | 24.3 | | | | | 2.7 | | 67.6 | 37 | 3.0 |
| 22 TO 26 | | 11.1 | | | | | | | 88.9 | 9 | .7 |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 14.7 | 11.6 | 9.2 | 12.4 | 12.5 | 7.3 | 5.6 | 8.1 | 18.5 | 1240 | 100.0 |

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

1843

2

# PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) JAN 1973-DEC 1977 (YEARS) ALL (MONTH) ALL (HOURS (L.S.T.))

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | 60.0 | 40.0 | | 5 | .0 |
| 92 TO 96 | 11.9 | 7.5 | 13.8 | 9.1 | 15.4 | 7.9 | 21.3 | 5.9 | 7.1 | 253 | 1.7 |
| 87 TO 91 | 7.2 | 7.1 | 15.8 | 13.3 | 19.6 | 11.4 | 12.2 | 7.8 | 5.6 | 835 | 5.7 |
| 82 TO 86 | 7.5 | 7.1 | 16.3 | 13.1 | 21.3 | 11.3 | 9.0 | 5.4 | 9.0 | 1340 | 9.2 |
| 77 TO 81 | 4.8 | 5.7 | 11.3 | 14.3 | 21.0 | 8.3 | 6.7 | 2.8 | 25.1 | 2048 | 14.0 |
| 72 TO 76 | 5.0 | 3.2 | 7.3 | 13.0 | 17.4 | 7.7 | 4.6 | 2.3 | 37.5 | 2883 | 19.7 |
| 67 TO 71 | 8.7 | 6.6 | 10.1 | 18.3 | 16.1 | 7.6 | 5.1 | 3.3 | 22.2 | 1744 | 11.9 |
| 62 TO 66 | 11.8 | 8.6 | 12.2 | 16.2 | 13.7 | 5.3 | 5.3 | 5.5 | 21.3 | 1424 | 9.7 |
| 57 TO 61 | 16.1 | 11.9 | 14.1 | 12.8 | 6.1 | 3.2 | 5.1 | 6.6 | 24.0 | 1117 | 7.6 |
| 52 TO 56 | 19.7 | 14.7 | 13.0 | 5.8 | 4.7 | 2.8 | 4.0 | 6.6 | 28.9 | 1007 | 6.9 |
| 47 TO 51 | 21.3 | 15.3 | 11.4 | 4.1 | 1.3 | 1.7 | 3.9 | 10.1 | 30.9 | 712 | 4.9 |
| 42 TO 46 | 24.4 | 16.5 | 5.6 | 1.8 | 1.8 | 1.6 | 3.2 | 8.7 | 36.3 | 496 | 3.4 |
| 37 TO 41 | 19.5 | 23.3 | 6.2 | 1.0 | 1.0 | 1.3 | 3.6 | 6.9 | 37.2 | 390 | 2.7 |
| 32 TO 36 | 19.8 | 21.9 | 3.0 | | .8 | .8 | 3.4 | 4.2 | 46.0 | 237 | 1.6 |
| 27 TO 31 | 14.4 | 30.0 | | | 1.1 | | 3.3 | 3.3 | 47.8 | 90 | .6 |
| 22 TO 26 | 15.4 | 23.1 | | | | | | | 61.5 | 26 | .2 |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| −3 TO 1 | | | | | | | | | | | |
| −8 TO −4 | | | | | | | | | | | |
| −13 TO −9 | | | | | | | | | | | |
| −18 TO −14 | | | | | | | | | | | |
| −23 TO −19 | | | | | | | | | | | |
| −28 TO −24 | | | | | | | | | | | |
| −33 TO −29 | | | | | | | | | | | |
| −38 TO −34 | | | | | | | | | | | |
| −43 TO −39 | | | | | | | | | | | |
| −48 TO −44 | | | | | | | | | | | |
| −53 TO −49 | | | | | | | | | | | |
| −58 TO −54 | | | | | | | | | | | |
| −59 & LWR | | | | | | | | | | | |
| TOTALS | 10.6 | 9.1 | 11.0 | 12.1 | 14.2 | 6.6 | 6.0 | 4.9 | 25.6 | 14607 | 100.0 |

NAVWEASERVCOM

5709 FREQ. AT TEMP. VS. WIND DIR. JAN. 68

NWSD, Federal Building

Asheville, N. C.

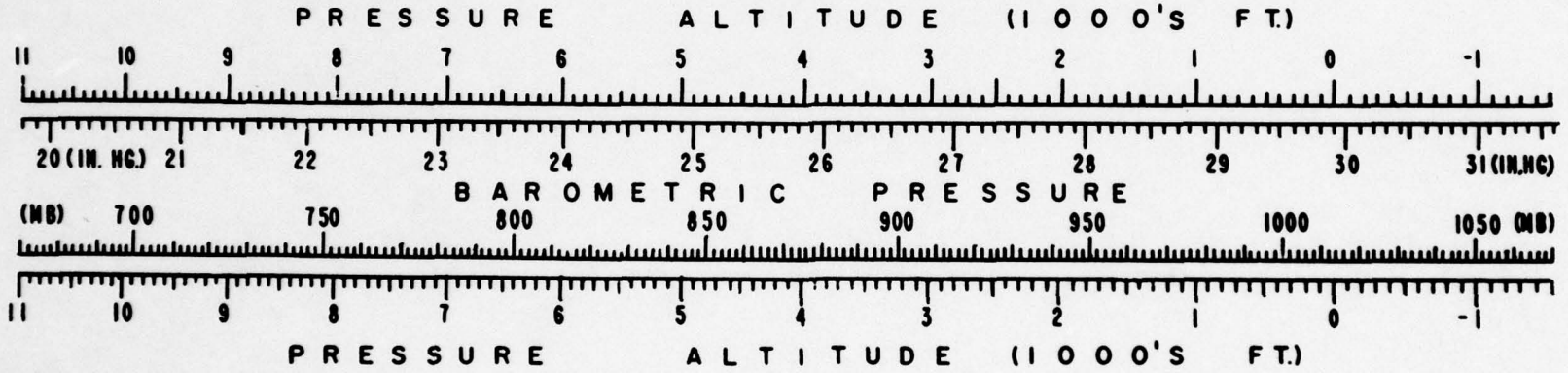
# PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS)

| HRS.(L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | MEAN | 30.141 | 30.118 | 30.001 | 30.043 | 29.952 | 29.986 | 30.026 | 30.022 | 29.977 | 30.077 | 30.106 | 30.121 | 30.047 |
| | S. D. | .167 | .164 | .142 | .151 | .115 | .077 | .067 | .052 | .095 | .115 | .145 | .173 | .141 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 03 | MEAN | 30.132 | 30.102 | 29.979 | 30.019 | 29.933 | 29.972 | 30.010 | 30.005 | 29.959 | 30.065 | 30.095 | 30.111 | 30.032 |
| | S. D. | .167 | .168 | .144 | .156 | .117 | .074 | .066 | .052 | .098 | .117 | .150 | .174 | .144 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 06 | MEAN | 30.139 | 30.117 | 30.002 | 30.048 | 29.961 | 29.996 | 30.036 | 30.028 | 29.981 | 30.087 | 30.110 | 30.120 | 30.052 |
| | S. D. | .175 | .169 | .140 | .161 | .121 | .074 | .068 | .054 | .097 | .122 | .152 | .175 | .144 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 09 | MEAN | 30.183 | 30.160 | 30.043 | 30.081 | 29.987 | 30.021 | 30.065 | 30.055 | 30.011 | 30.123 | 30.149 | 30.162 | 30.086 |
| | S. D. | .180 | .171 | .144 | .164 | .122 | .075 | .071 | .053 | .095 | .121 | .155 | .175 | .148 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 12 | MEAN | 30.158 | 30.146 | 30.029 | 30.071 | 29.974 | 30.013 | 30.053 | 30.044 | 29.998 | 30.096 | 30.115 | 30.130 | 30.069 |
| | S. D. | .178 | .167 | .141 | .157 | .120 | .074 | .070 | .054 | .091 | .119 | .150 | .173 | .143 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 15 | MEAN | 30.108 | 30.081 | 29.976 | 30.024 | 29.934 | 29.972 | 30.013 | 30.006 | 29.951 | 30.048 | 30.070 | 30.085 | 30.022 |
| | S. D. | .171 | .165 | .142 | .156 | .120 | .077 | .070 | .053 | .092 | .117 | .147 | .168 | .140 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 18 | MEAN | 30.120 | 30.090 | 29.972 | 30.017 | 29.920 | 29.959 | 29.999 | 29.995 | 29.949 | 30.056 | 30.088 | 30.100 | 30.022 |
| | S. D. | .169 | .162 | .140 | .150 | .117 | .076 | .068 | .054 | .093 | .114 | .148 | .164 | .142 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 21 | MEAN | 30.143 | 30.122 | 30.001 | 30.045 | 29.950 | 29.986 | 30.025 | 30.027 | 29.983 | 30.087 | 30.117 | 30.125 | 30.051 |
| | S. D. | .174 | .162 | .139 | .150 | .116 | .074 | .066 | .052 | .095 | .115 | .148 | .167 | .142 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| ALL HOURS | MEAN | 30.141 | 30.117 | 30.001 | 30.043 | 29.951 | 29.988 | 30.028 | 30.023 | 29.976 | 30.080 | 30.106 | 30.119 | 30.048 |
| | S. D. | .174 | .167 | .143 | .157 | .120 | .077 | .071 | .056 | .096 | .119 | .150 | .172 | .145 |
| | TOTAL OBS | 1240 | 1128 | 1240 | 1200 | 1240 | 1200 | 1240 | 1240 | 1200 | 1240 | 1200 | 1240 | 14608 |



5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12958 (STATION) NEW ORLEANS, LOUISIANA (STATION NAME) 73-77 (YEARS)

| HRS.(L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | MEAN | 1020.8 | 1020.0 | 1016.0 | 1017.4 | 1014.4 | 1015.5 | 1016.9 | 1016.7 | 1015.2 | 1018.6 | 1019.6 | 1020.1 | 1017.6 |
| | S. D. | 5.659 | 5.554 | 4.823 | 5.112 | 3.869 | 2.583 | 2.235 | 1.777 | 3.212 | 3.888 | 4.911 | 5.844 | 4.785 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 03 | MEAN | 1020.5 | 1019.4 | 1015.2 | 1016.6 | 1013.7 | 1015.0 | 1016.3 | 1016.1 | 1014.6 | 1018.2 | 1019.2 | 1019.8 | 1017.0 |
| | S. D. | 5.656 | 5.684 | 4.862 | 5.292 | 3.972 | 2.502 | 2.192 | 1.762 | 3.290 | 3.945 | 5.061 | 5.875 | 4.889 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 06 | MEAN | 1020.7 | 1019.9 | 1016.0 | 1017.6 | 1014.6 | 1015.9 | 1017.2 | 1016.9 | 1015.3 | 1018.9 | 1019.7 | 1020.0 | 1017.7 |
| | S. D. | 5.923 | 5.762 | 4.753 | 5.461 | 4.062 | 2.487 | 2.290 | 1.820 | 3.285 | 4.118 | 5.139 | 5.917 | 4.880 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 09 | MEAN | 1022.2 | 1021.4 | 1017.4 | 1018.7 | 1015.5 | 1016.7 | 1018.2 | 1017.8 | 1016.4 | 1020.1 | 1021.0 | 1021.5 | 1018.9 |
| | S. D. | 6.056 | 5.818 | 4.862 | 5.527 | 4.135 | 2.521 | 2.369 | 1.791 | 3.202 | 4.075 | 5.252 | 5.906 | 5.000 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 12 | MEAN | 1021.3 | 1020.9 | 1017.0 | 1018.4 | 1015.1 | 1016.4 | 1017.8 | 1017.5 | 1015.9 | 1019.2 | 1019.9 | 1020.4 | 1018.3 |
| | S. D. | 5.974 | 5.638 | 4.796 | 5.303 | 4.065 | 2.512 | 2.330 | 1.825 | 3.094 | 4.038 | 5.095 | 5.874 | 4.827 |
| | TOTAL OBS | 154 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1825 |
| 15 | MEAN | 1019.7 | 1018.7 | 1015.2 | 1016.8 | 1013.7 | 1015.0 | 1016.4 | 1016.2 | 1014.3 | 1017.6 | 1018.4 | 1018.9 | 1016.7 |
| | S. D. | 5.797 | 5.553 | 4.774 | 5.269 | 4.061 | 2.603 | 2.355 | 1.773 | 3.092 | 3.940 | 4.974 | 5.676 | 4.724 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 18 | MEAN | 1020.1 | 1019.0 | 1015.0 | 1016.6 | 1013.2 | 1014.6 | 1015.9 | 1015.8 | 1014.3 | 1017.9 | 1019.0 | 1019.4 | 1016.7 |
| | S. D. | 5.721 | 5.473 | 4.749 | 5.101 | 3.970 | 2.546 | 2.276 | 1.801 | 3.124 | 3.858 | 5.010 | 5.545 | 4.805 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| 21 | MEAN | 1020.8 | 1020.1 | 1016.0 | 1017.5 | 1014.3 | 1015.6 | 1016.8 | 1016.9 | 1015.4 | 1018.9 | 1019.9 | 1020.2 | 1017.7 |
| | S. D. | 5.865 | 5.492 | 4.701 | 5.024 | 3.921 | 2.484 | 2.198 | 1.752 | 3.204 | 3.896 | 5.041 | 5.643 | 4.795 |
| | TOTAL OBS | 155 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 150 | 155 | 150 | 155 | 1826 |
| ALL HOURS | MEAN | 1020.7 | 1019.9 | 1016.0 | 1017.4 | 1014.3 | 1015.6 | 1016.9 | 1016.7 | 1015.2 | 1018.7 | 1019.6 | 1020.0 | 1017.6 |
| | S. D. | 5.860 | 5.667 | 4.845 | 5.300 | 4.058 | 2.611 | 2.383 | 1.896 | 3.255 | 4.032 | 5.099 | 5.815 | 4.889 |
| | TOTAL OBS | 1239 | 1128 | 1240 | 1200 | 1240 | 1200 | 1240 | 1240 | 1200 | 1240 | 1200 | 1240 | 14607 |

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